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REPORT No. 3.

Manufacturing Industries in the Commonwealth, 1912.

Prepared under Instructions from
THE MINISTER OF STATE FOR HOME AFFAIRS,

By

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MANUFACTURING INDUSTRIES IN THE COMMONWEALTH.

SECTION I.—GENERAL.

I. Introduction. — The results given in this report are those obtained from a special investigation made in the month of November, 1912, the more immediate object of which was to ascertain the distribution of wages paid to employees, both male and female, in manufacturing industries throughout the Commonwealth. The information thus acquired has furnished the requisite data for various analyses of a novel and interesting character. Statistics regarding the number of manufacturing establishments, the number of persons employed therein, their production, capital invested, and so forth, are collected annually. As the results are published each year* it is not intended to deal directly in this report with the matters which come within the immediate scope of these annual statistics, but to confine attention to the results of the special investigation, and to certain questions arising out of the combination of the two fields of statistics.

It will be seen later that this report is restricted mainly to furnishing results in tabular form. The analysis of these results and the formulation of the laws expressing the relation between various phenomena (e.g., between rates of wages, net output, capital invested, etc.), have been left over for the present, and will form the subject of a later report.

By the courtesy of the respective State Government Statisticians the forms used for the purposes of the special inquiry were distributed and collected in each State at the same time as the ordinary annual manufacturing schedules for the year 1912. The particulars asked for on these forms were required under the authority of the Commonwealth Census and Statistics Act 1905, and comprised the following matters:—

- (i.) The total number of workpeople of each sex employed and the total amount paid in wages to such workpeople, during the week ended the 30th November, 1912.
- (ii.) The number of persons of each sex employed (during the week referred to) at each weekly rate of wage
- (iii.) Particulars of short time or overtime during the year 1912.
- (iv.) Excess or deficiency of workpeople available at the beginning of the year 1913.

The particulars given in regard to items (i.) and (ii.) were to be exclusive of working proprietors, managers, overseers, accountants and clerks, but inclusive of outworkers, if any, and directions were given on the forms to the effect that if any particular establishment was specially or abnormally busy or slack during the week ended the 30th November, 1912, a week during the year which was not so affected should be substituted. In this way it was sought to obtain the particulars as to wages for a normal or average week. This enabled returns for a normal week to be collected for establishments which were either especially busy or temporarily slack or closed down owing to seasonal or other conditions, and thus allowed for the fullest information to be collected regarding rates of wages in each of the classified industries. As regards the classified weekly rates of wages paid to individual workpeople, in case of persons employed at piece rates, the average weekly earnings of an ordinary worker were to be specified.

* See "Official Year Book of the Commonwealth," Nos. 1 to 6, and "Production Bulletin" No. 7.

GENERAL.

2. Classification of Industries.—Forms were distributed to all establishments in the Commonwealth coming within the statistical definition of a factory, viz., "any factory, workshop, or mill where four or more persons are employed or power is used." This statistical definition is common to each State. In order that the results obtained might be comparable with the annual manufacturing statistics, the forms received were classified in nineteen main categories, nearly all of which were in turn subdivided into sub-classes. Where two or more industries are carried on by one proprietor in one building, each industry is, when possible, treated as a separate establishment. The statement given below shews the classification adopted; it must be understood, however, that this classification does not pretend to be exhaustive, but merely serves as a guide for the collection and presentation of statistics in the several States on a definite and uniform basis:—

Classification of Manufacturing Industries.

<p>CLASS I.—TREATING RAW MATERIALS, ETC.</p> <ol style="list-style-type: none"> 1 Boiling-down, Tallow Refining, etc. 2 Tanneries 3 Woolscouring and Fellmongering 4 Chaff-cutting, etc. 5 Bark Mills 6 Catgut, Sausage Casings 	<p>4 Meat Preserving and Refrigerating</p> <ol style="list-style-type: none"> 5 Biscuits 6 Confectionery 7 Cornflour, Oatmeal, etc. 8 Flour Mills 9 Jam, Fruit Canning, Pickles, etc. 10 Sugar Mills 11 Sugar Refining 12 Aerated Waters, Cordials, etc. 13 Breweries 14 Condiments, Coffee, Spices, etc. 15 Distilleries 16 Malting 17 Tobacco, Cigars, etc. 18 Salt 	<p>CLASS XII.—SHIP AND BOAT BUILDING AND REPAIRING.</p> <ol style="list-style-type: none"> 1 Docks and Slips 2 Ship and Boat Building and Repairing
<p>CLASS II.—OILS AND FAT, ETC.</p> <ol style="list-style-type: none"> 1 Oil and Grease 2 Soap and Candles 	<p>CLASS VII.—CLOTHING AND TEXTILE FABRICS.</p> <ol style="list-style-type: none"> 1 Woollen and Tweed Mills 2 Boots and Shoes 3 Clothing (Tailoring and Slop) 4 Dressmaking and Millinery 5 Dyeworks and Cleaning 6 Furriers 7 Hats and Caps 8 Waterproof and Oilskins 9 Hosiery 10 Rope and Cordage 11 Tents and Tarpaulins 12 Corsets, etc. 	<p>CLASS XIII.—FURNITURE, BEDDING, ETC.</p> <ol style="list-style-type: none"> 1 Bedding, Flock, and Upholstery 2 Billiard Tables, Furniture and Cabinet Making 3 Picture Frames 4 Venetian Blinds
<p>CLASS III.—STONE, CLAY, GLASS, ETC.</p> <ol style="list-style-type: none"> 1 Bricks, Tiles, Pottery and Earthenware 2 Glass (including Bottles) 3 Glass (Ornamental) 4 Lime, Plaster, Cement and Asphalt 5 Marble, Slate, etc. 6 Modelling, etc. 7 Minor Articles (n.e.i.) 	<p>CLASS VIII.—BOOKS, PAPER, PRINTING, ETC.</p> <ol style="list-style-type: none"> 1 Books, Printing, etc. 2 Paper-making, Paper Boxes, Bags, etc. 3 Photo-engraving 4 Die Sinking, etc. 	<p>CLASS XIV.—DRUGS AND CHEMICALS, ETC.</p> <ol style="list-style-type: none"> 1 Chemicals, Drugs, and Medicines 2 Fertilisers 3 Paints, Varnishes, and By-products 4 Essential Oils 5 Blacking, Blue, etc.
<p>CLASS IV.—WORKING IN WOOD.</p> <ol style="list-style-type: none"> 1 Cooperage 2 Boxes, Cases, Saw Mills, etc. 3 Wood-turning, etc. 4 Other Industries 	<p>CLASS IX.—MUSICAL INSTRUMENTS, ETC.</p> <ol style="list-style-type: none"> 1 Musical Instruments and Sewing Machines 	<p>CLASS XV.—SURGICAL AND OTHER SCIENTIFIC INSTRUMENTS.</p> <ol style="list-style-type: none"> 1 Surgical, Optical, and other Scientific Instruments.
<p>CLASS V.—METAL WORKS, MACHINERY, ETC.</p> <ol style="list-style-type: none"> 1 Agricultural Implements 2 Brass and Copper 3 Cutlery 4 Engineering, Ironworks, and Foundries 5 Galvanised Iron-working and Tinsmithing 6 Lead Mills and Shot Works 7 Cyaniding 8 Smelting 9 Railway and Tramway Workshops 10 Stoves and Ovens 11 Wireworking 	<p>CLASS X.—ARMS AND EXPLOSIVES.</p> <ol style="list-style-type: none"> 1 Arms and Explosives 	<p>CLASS XVI.—TIMEPIECES, JEWELLERY, AND PLATED WARE.</p> <ol style="list-style-type: none"> 1 Electroplating 2 Manufacturing Jewellery, etc.
<p>CLASS VI.—FOOD AND DRINK, ETC.</p> <ol style="list-style-type: none"> 1 Bacon Curing 2 Butter, Cheese and Condensed Milk 3 Butterine and Margarine 	<p>CLASS XI.—VEHICLES, SADDLERY, HARNESS, ETC.</p> <ol style="list-style-type: none"> 1 Coach and Wagon Building, Spokes, etc. 2 Cycles and Motors 3 Perambulators 4 Saddlery, Harness, etc. 	<p>CLASS XVII.—HEAT, LIGHT, AND POWER.</p> <ol style="list-style-type: none"> 1 Electric Apparatus 2 Electric Light and Power 3 Gas and Coke Works 4 Lamps and Fittings, etc. 5 Hydraulic Power 6 Other Industries
		<p>CLASS XVIII.—LEATHERWARE (N.E.I.).</p> <ol style="list-style-type: none"> 1 Leather Belting, Fancy Leather, Portmanteaux and Bags
		<p>CLASS XIX.—MINOR WARES (N.E.I.).</p> <ol style="list-style-type: none"> 1 Basket and Wickerware, Matting, etc. 2 Brooms and Brushware 3 Rubber Goods 4 Umbrellas 5 Other Industries

3. Scope of Investigation.—The total number of manufacturing establishments in the Commonwealth in 1912 was 14,878, and of that number special returns as to wages were collected from no fewer than 14,285, viz., 96 per cent. The figures in the following table shew that the results obtained from the investigation are thoroughly representative of the whole of the manufacturing activity of the Commonwealth:—

Total Number of Manufacturing Establishments and Employees, and Number included in Wages Investigation, 1912.

PARTICULARS.	ESTABLISH- MENTS.	EMPLOYEES.		
		Male.	Female.	Total.
Total in Commonwealth .. No.	14,878	213,532	78,797	292,329
Included in Wages Investigation { „	14,285	209,128	74,369	283,497
Per cent.	96.0	97.9	94.4	97.0

In the first line of the above table the number of managers, overseers, accountants and clerks engaged in manufacturing industries has been subtracted from the Commonwealth total, so that the figures may be comparable with those relating to the wages inquiry. It is seen, therefore, that the investigation covered no less than 96 per cent. of the total number of manufacturing establishments (within the meaning of the statistical definition) and 97 per cent. of the total employees therein. The distribution of the number and percentage of employees included in each State is shewn in the following table:—

Manufacturing Industries, Number and Percentage of Employees included in Investigation in each State, 1912.

Particulars.	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		C'wealth.	
	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
Males	79,044	37.8	64,523	30.8	25,944	12.4	19,788	9.5	13,302	6.4	6,527	3.1	209,128	100.0
Females	24,359	32.3	34,178	46.0	6,899	9.3	5,137	6.9	2,429	3.2	1,367	1.8	74,369	100.0
TOTAL	103,403	36.5	98,701	34.8	32,843	11.5	24,925	8.8	15,731	5.6	7,894	2.8	283,497	100.0

The above distribution as between the several States of persons included in the wages returns corresponds closely with the distribution of all employees in the respective States. The results of the investigation are, therefore, not only based on data relating to a large majority of the total employees, but are also representative of each State and of all the different branches of manufacturing industries in the Commonwealth. The number and percentage of persons covered by the inquiry classified in the nineteen main industrial groups are as follows:—

Manufacturing Industries, Number of Persons included in Wages Inquiry, and Percentage on Average Number Employed during 1912.

CLASS OF INDUSTRY.	MALE EMPLOYEES.*			FEMALE EMPLOYEES.*		
	In-cluded in Investi-gation.	Average Number Em-ployed.	Per Cent.	In-cluded in Investi-gation.	Average Number Em-ployed.	Per Cent.
I.—Treating Raw Materials, etc. . .	7,587	8,081	93.9	85	88	96.6
II.—Oils and Fat, etc. . .	1,698	1,541	110.2	251	236	106.4
III.—Stone, Clay, Glass, etc. . .	11,809	11,478	102.9	68	68	100.0
IV.—Working in Wood . . .	26,489	26,554	99.8	41	22	186.4
V.—Metal Works, Machinery, etc. .	60,786	60,714	100.1	443	309	143.4
VI.—Food and Drink, etc. . .	31,504	32,716	96.3	7,367	7,940	92.8
VII.—Clothing and Textile Fabrics . .	17,427	18,387	94.8	56,762	60,391	94.0
VIII.—Books, Paper, Printing, etc. .	13,760	15,479	88.9	5,352	5,668	94.4
IX.—Musical Instruments, etc. . .	514	521	98.7	40	41	97.6
X.—Arms and Explosives . . .	478	364	131.3	490	472	103.8
XI.—Vehicles, Harness, Saddlery, etc.	11,238	11,018	102.0	187	173	108.1
XII.—Ship and Boat Building . . .	3,141	3,510	89.5	667	742	89.9
XIII.—Furniture, Bedding, etc. . .	8,222	8,473	97.0	1,084	1,019	106.4
XIV.—Drugs and Chemicals . . .	2,298	2,766	83.1	19	23	82.6
XV.—Surgical and other Instruments .	162	162	100.0	19	159	92.4
XVI.—Timepieces, Jewellery, etc. . .	1,703	1,820	93.6	147	350	40.9
XVII.—Heat, Light and Power . . .	7,581	7,001	108.3	143	317	85.0
XVIII.—Leatherware, n.e.i. . .	653	766	85.2	269	779	122.5
XIX.—Minor Wares, n.e.i. . .	2,078	2,181	95.3	954		
TOTAL	209,128	213,532	97.9	74,369	78,797	94.4

* The number of employees are exclusive of managers, overseers, accountants and clerks.

It will be seen that in some cases the number included in the present inquiry is actually greater than the average number employed during the year. This apparent anomaly is, of course, due mainly to the fact that owing to seasonal or some special variations in the activity of industry the number employed in November in these industries was in excess of the average number employed during the whole year.

The three largest classes in respect to the number of males employed are Class V. (Metal Works, Machinery, etc.), 60,714; Class VI. (Food, Drink and Tobacco), 32,716; and Class IV. (Working in Wood), 26,554. These three classes together account for 119,984, or 56 per cent. of the total number of male employees. The next in order of precedence are Classes VII. (Clothing and Textile Fabrics), 18,387; VIII. (Books, Paper, Printing, etc.), 15,479; III. (Stone, Clay, Glass, etc.), 11,478; and XI. (Vehicles, Harness, Saddlery, etc.), 11,018; making a total of 56,362, or 26.4 per cent. of the total number employed. The above seven classes therefore account for no less than 82.4 per cent. of the total average number employed in the whole nineteen classes. Similarly, as regards female employees, three classes account for 94.4 per cent. of the total number; these three classes are:—VII. (Clothing and Textile Fabrics), 60,391; VI. (Food, Drink and Tobacco), 7940; and VIII. (Books, Paper, Printing, etc.), 5668, making a total of 73,999.

SECTION II.—DISTRIBUTION OF WAGES.

1. **General.**—For the purpose of tabulating the number of persons employed at various rates of wages sixteen wage-groups have been adopted. The lowest group in order of amount of wages is for persons receiving less than 10s. per week; the next group includes persons receiving as much as 10s., but less than 15s. per week; while the following thirteen groups proceed by gradations of 5s. to the group in-

cluding persons whose wages are as much as 75s., but less than 80s. per week. The last and highest group includes all persons receiving a weekly wage of 80s. and over. Tabulations in these groups have been effected for each of the sub-classes of the nineteen main industrial groups, as well as for each of the main groups, and for each State and the whole Commonwealth. In the body of this report it has been found practicable to publish only summarised results. More detailed tables shewing the results for each State and for each of the main industrial groups have been relegated to appendices. In addition to tabulating the number of persons of each sex falling within each wage group, the weighted average wage of all such persons in each group has been computed.

2. Number of Employees and Wages in Industrial Groups.—A detailed classification according to wage-groups for each industrial class and sub-class may be found in Appendix I., where particulars are given of the number of workers and the percentage in each wage-group, together with the average wage in each case. In these detailed tables particulars for females are given only for the separate Classes VI. (Food, Drink, etc.), VII. (Clothing, etc.), and VIII. (Printing, etc.), which together comprise 69,481, or 93.9 per cent. of the total number of female workers. Other classes are grouped together. It will be seen that the particulars given in this Appendix relate to the whole Commonwealth; owing to limitations of space it has been found impracticable to publish similar information for the individual States. The following summarised results will, however, serve to indicate broadly the differences which exist between the several States:—

Manufacturing Industries, Number of Employees and Average Wage in each State, classified in Industries, November, 1912.

Industrial Class.	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		C'wlth.	
	No.	Avg. Wage	No.	Avg. Wage	No.	Avg. Wage	No.	Avg. Wage	No.	Avg. Wage	No.	Avg. Wage	No.	Avg. Wage

MALES.														
I. Raw Material	3,303	47	2,573	45	0	484	47	8	817	45	9	198	48	10
II. Oils and Fat	818	44	7	497	39	10	119	38	3	192	41	10	55	37
III. Stone, Clay, etc.	5,757	53	7	3,536	48	9	563	45	0	1,237	49	0	510	58
IV. Wood Working	8,138	49	9	6,027	49	10	3,667	48	3	1,538	49	1	5,353	58
V. Engineering, etc.	24,595	54	2	17,031	48	8	6,196	49	3	7,431	52	4	3,160	58
VI. Food, Drink, etc.	9,662	47	3	8,782	45	2	8,459	46	10	2,489	44	7	1,224	54
VII. Clothing, etc.	6,095	50	5	7,838	44	5	1,515	43	8	1,107	46	9	423	57
VIII. Printing, etc.	5,427	49	0	4,707	45	4	1,422	46	6	1,121	48	5	674	59
IX. Musical Instrts.	337	54	3	159	50	2	..	..	..	18	39	4	..	..
X. Arms, Expl. etc.	250	50	3	225	54	3	..	..	..	3	45	8	..	..
XI. Vehicles, Saddlery, etc.	3,788	44	7	3,883	41	4	1,330	41	0	1,326	43	3	515	51
XII. Ship Bldg. etc.	2,457	56	4	160	53	5	312	49	9	146	54	7	22	65
XIII. Furniture, etc.	3,027	52	7	2,447	47	7	903	42	0	1,056	44	3	481	56
XIV. Drugs, Ch'micals	670	45	4	1,082	45	3	28	39	11	335	46	10	183	52
XV. Scientific Inst's.	66	49	2	66	36	8	15	35	11	5	64	0	10	41
XVI. Jewellery, etc.	567	51	1	813	47	10	75	44	1	150	48	10	71	52
XVII. Heat, Light, Power	3,308	54	4	2,248	51	7	725	52	11	658	53	7	339	65
XVIII. Leatherware, (n.e.i.)	254	41	8	321	36	10	45	37	2	17	46	10	16	40
XIX. Minor Wares, (n.e.i.)	525	40	7	1,228	45	3	86	23	5	142	36	6	68	43
TOTAL ..	790,445	51	1,645,234	46	9	259,447	47	0	1,978,848	48	9	1,330,257	9	6,527,444

FEMALES.														
VI. Food, Drink, etc.	2,903	20	8	3,188	21	9	468	16	5	474	18	1	151	17
VII. Clothing, etc.	17,457	20	11	26,564	19	8	5,710	17	1	3,980	18	2	2,003	23
VIII. Printing, etc.	1,953	18	2	2,094	18	4	526	15	0	518	15	0	180	18
All others ..	2,046	18	10	2,332	21	9	195	17	9	165	14	6	95	20
TOTAL ..	24,359	20	6	34,178	19	11	6,899	16	11	5,137	17	8	2,429	22

The above results shew that the average nominal rate of wage in November, 1912, for employees in manufacturing industries in the Commonwealth was 49s. 3d. per week for males, and 19s. 8d. for females. As regards individual States the average wage for males was highest in Western Australia (57s. 9d.), followed in the order named by New South Wales (51s. 1d.), South Australia (48s. 9d.), Queensland (47s.), Victoria (46s. 9d.), and Tasmania (44s. 4d.) being lowest. For females the average wage was also highest in Western Australia (22s. 5d.), followed by New South Wales (20s. 6d.), and lowest in Tasmania (16s. 5d.), but the averages for South Australia (17s. 8d.), and Queensland (16s. 11d.) were both lower than that for Victoria (19s. 11d.). The order of the States in this respect was therefore the same for males and females, except that in Victoria the average wage for males was lower than in South Australia and Queensland, but for females was higher than in both these States. This displacement of Victoria is, no doubt, due mainly to the facts that in that State industries in which females are largely employed have been highly developed and organised, and that a greater number of these industries have come under wages boards than in the other States. The only classes in which the average wage for males exceeds £3 per week are XII. and XVII. (in Western Australia), and XV. (in South Australia), but as the total number of male employees comprised in these groups and States amounts to only 366, these instances may be regarded as relatively unimportant. Among the three principal classes in which females are employed, an average wage of 20s. per week for females is exceeded in four instances only, viz., in Class VI. in New South Wales and Victoria, and in Class VII. in New South Wales and Western Australia.

The fact that the average rate of wage paid in any one State is higher than that in any other State does not, of course, necessarily indicate that there is any difference as between those two States in the rate paid to journeymen or adult workers, or indeed, to any particular class or grade of employees, since the relative distribution of the employees in the respective wage-groups influences the amount of the average wage computed for all groups. This is evident when it is considered that, although the rates of wages in any industry for each particular grade or class of worker may be identical, the fact that in the one State a larger proportion of the lower paid grades is employed than in another State, would result in a smaller average wage in the former State than in the latter. Thus the figures in the preceding table shew that the average wage for males was higher in South Australia (48s. 9d.) than in Victoria (46s. 9d.). An analysis of the distribution into wage groups and of the average wage in each group shews, however, that this difference is due not so much to the relatively higher wages paid to the several grades of workers in South Australia, as to the preponderating influence of the different distribution in the several groups. This question of distribution in wages groups is, however, more fully dealt with in a later part of this report.

As regards the various industrial groups, the average rate of wages of male employees was highest in Group XII., Shipbuilding (55s. 5d.), followed by XVII., Heat, Light and Power (53s. 10d.), IX., Musical Instruments (52s. 5d.), and X. Arms and Explosives (52s. 2d.). Groups III., IV., and V. are practically equal, then follows Groups XVI. and XIV., and so on, until we reach Groups XIX., Minor Wares (42s.

3d.), and II., Oils and Fats (42s. 2d.), and finally, Group XVIII., Leatherware, n.e.i., with an average wage of 39s. 1d. In the three industrial groups specified separately for females the average wage was highest in Group VI., Food and Drink (20s. 7d.). Analogous remarks to those given above in regard to comparisons between the average rates of wages in different States apply equally to any comparisons that can be drawn between the average rates in industrial groups, that is to say, regard must be paid not only to the rates paid to particular grades or class of workers, but also to the relative distribution of low and high paid workers in the several industries.

3. Number of Employees in each State classified according to Wage Groups.—In Appendix II. particulars are given for each of the nineteen main industrial groups of the number of employees in each State, and the average wage classified in wage-groups by gradations of 5s. from under 10s. to 80s. and over. The final results for all nineteen groups taken together are shewn in the following table:—

Manufacturing Industries, Rates of Wages, Classification of Employees in Wage-Groups, November, 1912.

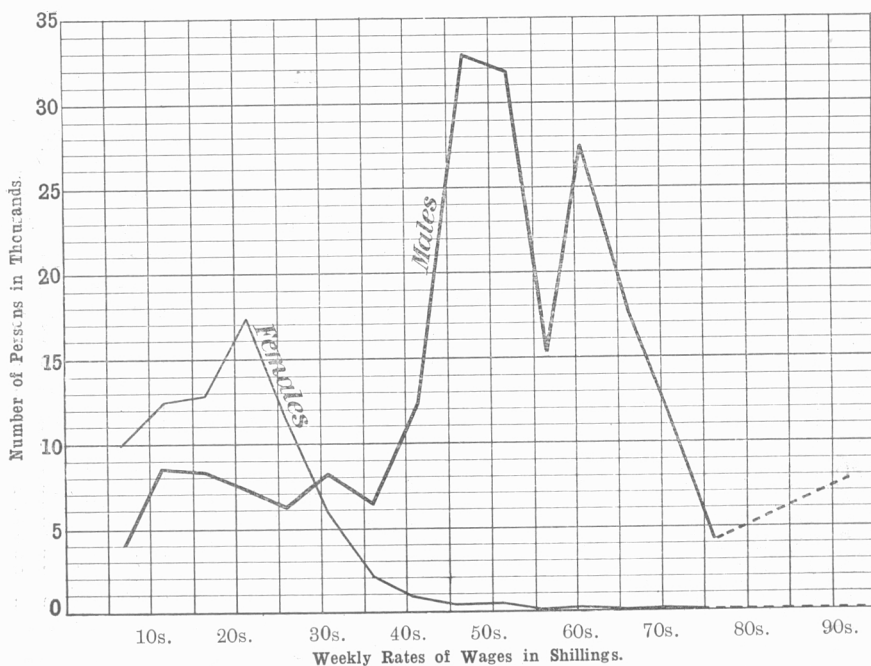
Rates of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total.	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
MALES.														
Under 10s.	1107	6 10	1570	6 11	712	7 1	352	7 5	43	6 10	306	6 11	4090	7 0
10s. to 15s.	2493	11 5	3346	11 4	1049	11 4	948	11 6	296	11 5	349	11 4	8481	11 5
15s. „ 20s.	2960	16 3	3051	16 3	906	16 1	785	16 4	345	16 1	237	16 1	8284	16 3
20s. „ 25s.	2501	21 0	2665	21 1	877	21 3	737	21 5	199	20 10	262	21 3	7241	21 1
25s. „ 30s.	2155	25 10	2335	26 0	680	26 0	553	26 3	246	25 8	180	26 1	6149	25 11
30s. „ 35s.	2946	30 9	2430	30 9	1589	30 9	701	30 10	245	30 10	272	30 8	8183	30 9
35s. „ 40s.	2112	35 11	2057	36 2	1193	36 2	530	36 3	178	36 1	233	36 5	6303	36 2
40s. „ 45s.	3778	41 3	3772	41 5	2876	42 0	756	41 5	264	40 11	756	41 10	12202	41 6
45s. „ 50s.	11519	47 2	10648	46 9	4320	46 10	3214	47 5	1798	47 11	1282	47 2	32781	47 0
50s. „ 55s.	12307	52 1	9991	52 1	3021	51 9	3567	52 6	2066	52 11	805	51 10	31757	52 2
55s. „ 60s.	7154	56 4	3601	56 7	1749	56 5	1246	56 7	1006	56 6	491	57 11	15247	56 10
60s. „ 65s.	10317	61 1	8592	60 6	3285	61 2	2885	60 11	1658	60 7	733	60 9	27470	60 6
65s. „ 70s.	6265	66 2	5989	66 2	1292	66 5	2155	66 10	1629	67 2	276	65 11	17606	66 4
70s. „ 75s.	6210	71 0	1909	71 2	932	71 1	674	71 1	1407	71 6	164	71 0	11386	71 1
75s. „ 80s.	1883	75 11	768	76 7	392	76 6	238	76 3	866	76 6	158	76 8	4205	76 3
80s. and over	3337	92 8	1709	92 11	1071	91 3	447	90 6	1056	89 8	123	92 4	7743	92 0
All Persons	79044	51 1	64523	46 9	25944	47 0	19788	48 9	13302	57 9	6527	44 4	209128	49 3
FEMALES.														
Under 10s.	2228	6 6	4326	6 5	1564	6 9	1092	6 9	346	6 1	356	5 11	9912	6 6
10s. to 15s.	4454	11 11	5222	11 10	1337	11 6	852	11 9	380	11 6	258	11 6	12503	11 10
15s. „ 20s.	4722	16 5	5182	16 9	1410	16 7	901	16 9	393	16 5	232	16 4	12840	16 7
20s. „ 25s.	5033	21 2	9149	21 10	1319	21 4	1200	21 6	371	21 3	306	21 1	17378	21 6
25s. „ 30s.	3747	26 1	6136	25 11	672	25 11	577	26 0	283	25 10	82	25 8	11497	26 0
30s. „ 35s.	2424	31 1	2639	30 6	310	30 9	297	30 10	208	30 9	48	30 7	5926	30 9
35s. „ 40s.	822	35 9	792	36 9	130	35 9	131	35 5	154	35 6	45	36 0	2074	36 1
40s. „ 45s.	429	40 6	263	40 7	76	40 4	50	40 5	141	40 5	20	40 9	979	40 6
45s. „ 50s.	189	45 5	105	45 6	28	45 4	16	45 5	58	45 3	3	45 8	399	45 6
50s. „ 55s.	118	50 6	218	51 10	23	51 4	7	50 7	38	50 3	12	50 2	416	51 3
55s. „ 60s.	24	55 7	21	55 2	5	55 6	1	55 0	15	55 0	1	59 6	64	55 5
60s. „ 65s.	79	60 4	59	60 3	12	60 5	2	60 0	15	60 1	3	61 0	170	60 4
65s. „ 70s.	14	65 3	8	65 0	2	67 6	2	65 0	3	65 0	..	..	29	65 4
70s. „ 75s.	20	70 6	19	70 2	2	70 0	5	70 0	7	70 0	..	..	53	70 3
75s. „ 80s.	6	75 4	2	77 7	..	..	..	..	5	75 0	..	..	13	75 7
80s. and over	50	93 10	37	89 3	9	93 1	4	95 0	15	105 4	1	100 0	116	93 11
All Persons	24359	20 6	34178	19 11	6399	16 11	5137	17 8	2429	22 5	1367	16 5	74369	19 8

*For constitution of Wage-groups see pages 6 and 7.

The significance of these results may be better appreciated by reference to the graph below, shewing the number of persons employed in each wage-group in relation to the average wage in each group. The figures are shewn for the whole Commonwealth only (last two columns of preceding table), separate graphs being given for males and females.

As regards the graph for male employees the most noticeable features are the aggregations of workers in the 45s. to 55s. groups, followed by a heavy fall in the 55s. to 60s. group, and a rapid increase in the 60s. to 65s. group. In addition there are two further divisions which are fairly well defined, by the decline in the 25s. to 30s. and the 35s. to 40s. groups, respectively. These wages groups probably

Manufacturing Industries, Graph, shewing Number of Male and Female Employees in Wage-Groups, November, 1912.



correspond fairly closely with the division of workers into (a) boys and junior apprentices, (b) senior apprentices and improvers, (c) unskilled workers and those occupations requiring a moderate degree of skill, and (d) highly skilled artisans. It will be seen later that the first division (up to 30s.) includes 16.4 per cent. of the total number of male employees, the second division (30s. and under 45s.) 12.8 per cent., the third (45s. and under 60s.) 38.1 per cent., and the fourth (60s. and over) 32.7 per cent. The apparent increase shewn by the broken line is due to the aggregation in one group of all males whose wages were 80s. and over.

As regards females, the graph shows the large aggregation of numbers in the groups from 15s. to 25s. The groups under 15s. include 30.1 per cent. of the total number of female employees; 40.7 per cent. are included in the 15s. to under 25s. groups, the remaining 29.2 per cent. receiving 25s. or over.

4. **Percentage of Employees in each State in Wage-Groups.**—The relative distribution of employees in the respective States and wage-groups may be more clearly seen by shewing the absolute numbers given in the table on page 7 in the form of percentages. These are given separately for males and females in the following tables:—

Manufacturing Industries, Rates of Wages, Percentage of Employees in States, and Wage-Groups, November, 1912.

RATE OF WAGES.	N.S.W.	Vic.	Q'land.	S.A.	W.A.	Tas.	C'with.
----------------	--------	------	---------	------	------	------	---------

MALFS.							
	per cent.	per cent.	per cent.	per cent.	per cent.	per cent.	per cent.
Under 10s.	1.4	2.4	2.8	1.8	0.3	4.7	1.9
10s. and under 15s.	3.1	5.2	4.0	4.8	2.2	5.3	4.0
15s. and under 20s.	3.7	4.7	3.5	4.1	2.6	3.6	4.0
20s. and under 25s.	3.1	4.2	3.4	3.7	1.5	4.1	3.5
25s. and under 30s.	2.7	3.6	2.6	2.8	1.8	2.7	2.9
30s. and under 35s.	3.7	3.7	6.1	3.5	1.8	4.2	3.9
35s. and under 40s.	2.7	3.2	4.6	2.7	1.3	3.6	3.0
40s. and under 45s.	4.8	5.8	11.1	3.8	2.0	11.6	6.0
45s. and under 50s.	14.6	16.5	16.7	16.2	13.6	19.6	15.7
50s. and under 55s.	15.6	15.5	11.6	18.0	15.6	12.3	15.2
55s. and under 60s.	9.1	5.6	6.7	6.3	7.5	7.5	7.3
60s. and under 65s.	13.1	13.3	12.7	14.6	12.5	11.2	13.1
65s. and under 70s.	7.9	9.3	5.0	10.9	12.3	4.3	8.4
70s. and under 75s.	7.9	3.2	3.6	3.4	10.6	2.5	5.4
75s. and under 80s.	2.4	1.2	1.5	1.2	6.5	0.9	2.0
80s. and over	4.2	2.6	4.1	2.2	7.9	1.9	3.7
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0

FEMALES.							
	per cent.	per cent.	per cent.	per cent.	per cent.	per cent.	per cent.
Under 10s.	9.0	12.7	22.7	21.3	14.2	26.1	13.3
10s. and under 15s.	18.3	15.3	19.4	16.6	15.6	18.9	16.8
15s. and under 20s.	19.4	15.2	20.4	17.5	16.2	17.0	17.3
20s. and under 25s.	20.7	26.8	19.1	23.4	15.2	22.4	23.4
25s. and under 30s.	15.4	18.0	9.7	11.2	11.7	6.0	15.5
30s. and under 35s.	10.0	7.7	4.5	5.8	8.6	3.5	8.0
35s. and under 40s.	3.4	2.3	2.0	2.6	6.3	3.3	2.8
40s. and under 45s.	1.8	0.8	1.1	1.0	5.9	1.5	1.3
45s. and under 50s.	0.8	0.3	0.4	0.3	2.4	0.2	0.5
50s. and under 55s.	0.5	0.6	0.3	0.1	1.6	0.9	0.6
55s. and under 60s.	0.1	†	0.1	†	0.5	†	0.1
60s. and under 65s.	0.3	0.2	0.2	†	0.6	0.2	0.2
65s. and under 70s.	†	†	†	†	0.1	..	†
70s. and under 75s.	0.1	†	†	0.1	0.3	..	0.1
75s. and under 80s. .. ..	†	†	..	..	0.2	..	†
80s. and over	0.2	0.1	0.1	0.1	0.6	†	0.1
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0

† Less than 0.1 per cent.

The number of persons and the average wage in each of the above groups are shewn in the table on page 9. Of the male wage-earners in all industries 34,245, or 16.4 per cent., earned less than 30s. per week; 26,688, or 12.8 per cent., were paid rates ranging from 30s. to under 45s.; 79,785, or 38.1 per cent., received from 45s. to under 60s., and the remainder 68,410, or 32.7 per cent., 60s. per week and upwards. On applying these divisions of the several States the following results are obtained:—

Manufacturing Industries.—Rates of Wages, Number and Percentage of Male Employees in Wage Divisions, November, 1912.

STATE.	UNDER 30S.			30S. AND UNDER 45S.			45S. AND UNDER 60S.			60S. AND OVER.		
	No.	Average Wage.	Per cent. of all Males.	No.	Average Wage.	Per cent. of all Males.	No.	Average Wage.	Per cent. of all Males.	No.	Average Wage.	Per cent. of all Males.
N.S.W. . .	11,216	<i>s. d.</i> 17 2	14.2	8,836	<i>s. d.</i> 36 6	11.2	30,980	<i>s. d.</i> 51 3	39.2	28,012	<i>s. d.</i> 69 2	35.4
Vic. . .	12,967	16 7	20.1	8,259	36 11	12.8	24,240	50 5	37.6	19,057	66 11	29.5
Q'land . .	4,224	16 7	16.3	5,658	37 8	21.8	9,090	50 3	35.0	6,972	68 11	26.9
S.A. . .	3,375	16 9	17.1	1,987	36 4	10.0	8,027	51 0	40.6	6,399	66 7	32.3
W.A. . .	1,129	17 5	8.5	687	36 1	5.1	4,870	51 10	36.6	6,616	71 3	49.8
Tas. . .	1,334	15 1	20.4	1,261	38 5	19.3	2,578	50 8	39.5	1,354	66 7	20.8
C'WLTH	34,245	16 8	16.4	26,688	37 0	12.8	79,785	50 10	38.1	68,410	68 5	32.7

Of the female wage-earners in all industries 22,415, or 30.1 per cent., earned less than 15s. per week, the average wage being 9s. 5d.; 30,218, or 40.7 per cent., were paid rates ranging from 15s. to under 25s., the average being 19s. 5d.; 17,423, or 23.5 per cent., received from 25s. but less than 35s., with an average of 27s. 7d., the remainder being paid at a rate of 35s. and upwards, the average being 42s. 11d. On applying these divisions to the several States, the following results are obtained:—

Manufacturing Industries, Rates of Wages, Number and Percentage of Female Employees in Wage Divisions, November, 1912.

STATE.	UNDER 15S.			15S. AND UNDER 25S.			25S. AND UNDER 35S.			35S. AND OVER.		
	No.	Average Wage.	Per cent. of all Females.	No.	Average Wage.	Per cent. of all Females.	No.	Average Wage.	Per cent. of all Females.	No.	Average Wage.	Per cent. of all Females.
N.S.W. . .	6,682	<i>s. d.</i> 10 1	27.3	9,755	<i>s. d.</i> 18 10	40.1	6,171	<i>s. d.</i> 28 1	25.4	1,751	<i>s. d.</i> 42 9	7.2
Vic. . .	9,548	9 5	28.0	14,331	20 0	42.0	8,775	27 4	25.7	1,524	43 3	4.3
Q'land . .	2,901	8 11	42.1	2,729	18 11	39.5	982	27 7	14.2	287	42 9	4.2
S.A. . .	1,944	8 10	37.9	2,101	19 5	40.9	874	27 7	17.0	218	40 3	4.2
W.A. . .	726	8 11	29.8	764	18 9	31.4	491	27 11	20.3	448	44 5	18.5
Tas. . .	614	8 3	45.0	538	19 0	39.4	130	27 6	9.5	85	41 4	6.1
C'WLTH	22,415	9 5	30.1	30,218	19 5	40.7	17,423	27 7	23.5	4,313	42 11	5.7

5. Percentage of Employees in Industrial Classes and Wage-Groups. In the preceding paragraphs the distribution of wage-earners has been dealt with firstly, according to industrial classes and States (paragraph 2), and secondly, according to wage-groups and States (paragraphs 3 and 4). It now remains to shew the percentage distribution in industrial classes according to wage-groups. The absolute figures, from which these percentages are computed, have been referred to in paragraph 2, and detailed results for each industrial class and sub-class are given in Appendix I. The following table shews accordingly the percentage of wage-earners in each wage-group, classified according to industrial class:—

Manufacturing Industries, Rates of Wages, Percentage of Employees in Industrial Classes and Wage-Groups, November, 1912.

Class No.*	Percentage of Employees whose Weekly Wages fall within the undermentioned Limits—																
	Under 10s.	10s. and under 15s.	15s. and under 20s.	20s. and under 25s.	25s. and under 30s.	30s. and under 35s.	35s. and under 40s.	40s. and under 45s.	45s. and under 50s.	50s. and under 55s.	55s. and under 60s.	60s. and under 65s.	65s. and under 70s.	70s. and under 75s.	75s. and under 80s.	80s. and over.	
MALES.																	
I.	0.05	0.58	1.75	2.04	2.57	5.68	5.36	11.28	35.52	18.86	6.59	5.61	1.05	0.99	0.42	1.65	
II.	0.59	5.31	5.83	4.88	4.35	4.13	3.53	17.78	25.14	10.77	2.89	6.65	2.72	3.95	0.65	0.83	
III.	0.28	1.21	2.12	2.64	2.69	4.11	4.44	6.55	18.03	17.66	12.15	11.57	5.98	5.35	1.36	3.86	
IV.	1.05	2.12	2.09	2.29	2.13	2.44	1.99	5.19	25.07	18.81	5.22	12.20	10.32	4.48	2.18	2.42	
V.	2.11	3.52	3.62	3.06	2.25	2.92	2.22	3.62	15.78	13.44	6.49	13.16	13.19	8.15	2.89	3.58	
VI.	0.49	2.88	4.49	4.22	3.78	6.78	5.03	11.15	17.83	16.96	6.72	8.23	4.06	2.53	0.90	3.95	
VII.	2.68	6.19	4.96	4.42	4.07	4.21	3.17	6.42	4.53	21.66	13.35	11.45	3.31	3.49	1.00	5.09	
VIII.	4.03	10.00	6.34	4.74	4.16	3.31	2.22	3.74	5.44	5.48	5.68	22.49	6.76	4.50	1.95	9.16	
IX.	2.14	5.25	6.42	3.30	4.08	2.72	1.94	2.72	4.09	9.34	3.71	17.32	13.82	9.34	5.45	8.36	
X.	..	3.56	3.56	2.93	2.93	6.90	0.22	3.97	3.13	38.70	5.44	4.82	3.13	7.74	7.74	5.23	
XI.	6.29	8.00	6.63	5.26	4.18	4.41	2.71	5.32	6.25	10.58	7.46	18.95	6.69	4.68	0.92	1.67	
XII.	1.72	3.85	1.91	1.85	1.69	1.72	0.96	2.29	6.36	25.18	4.93	11.97	9.42	19.72	5.06	1.37	
XIII.	3.43	8.92	5.50	3.44	2.88	3.03	2.75	2.99	5.33	7.14	8.76	29.72	10.48	4.52	1.24	1.87	
XIV.	0.18	2.91	4.87	3.79	3.32	5.00	5.74	6.61	28.94	16.19	2.87	8.66	5.44	2.92	1.26	1.30	
XV.	2.47	13.58	7.42	9.26	3.70	6.17	1.85	4.94	1.85	6.17	4.94	13.58	7.41	9.26	1.85	5.55	
XVI.	5.99	8.75	6.17	6.05	2.05	3.40	1.53	1.70	1.64	5.69	11.33	14.56	8.00	9.52	2.82	10.80	
XVII.	1.56	1.61	2.22	1.58	1.57	3.04	1.66	3.83	20.32	16.31	6.44	12.54	11.61	7.27	5.26	3.18	
XVIII.	3.98	10.26	7.35	7.96	4.59	5.67	4.29	5.05	9.81	13.16	15.32	6.28	2.76	2.61	0.15	0.76	
XIX.	0.67	3.90	7.36	6.22	4.67	7.46	5.49	3.95	22.04	20.64	5.05	6.30	3.13	1.25	1.20	0.67	
	1.96	4.05	3.96	3.46	2.94	3.92	3.02	5.83	15.68	15.18	7.29	13.13	8.42	5.44	2.02	3.70	
FEMALES.																	
VI.	3.06	21.87	26.39	25.24	9.28	6.96	4.76	0.38	0.46	1.55	0.01	0.02	..	0.02	..	..
VII.	15.82	15.12	14.73	23.04	16.99	8.06	2.84	1.55	0.62	0.50	0.10	0.28	0.05	0.08	0.02	0.20	
VIII.	9.09	25.67	23.54	27.67	9.05	3.49	0.54	0.56	0.11	0.13	..	0.11	..	..	..	0.04	
All others	4.46	19.25	26.06	19.71	14.03	13.29	1.66	0.90	0.20	0.18	0.16	0.04	0.02	0.02	..	0.02	
TOTAL	13.33	16.80	17.26	23.37	15.46	7.97	2.79	1.31	0.54	0.56	0.08	0.23	0.04	0.07	0.02	0.16	

* For classification of industries see page 4. The total of the percentages given in each horizontal line is, of course, equal to 100.0.

These figures show that among the males the largest proportion of highly-paid workers (in receipt of 60s. per week and upwards) are found in the following Classes in order of precedence:—IX. Musical Instruments, 54.29 per cent.; XII. Ship and Boat Building and XIII. Furniture, Bedding, etc., 47.83 per cent. each; XVI. Timepieces, Jewellery, etc., 45.70 per cent.; VIII. Books, Printing, etc., 44.86 per cent., and V. Metals, Machinery, etc., 40.97 per cent. This percentage of highly-paid workers ranges down to as low as 9.72 in Class I., Treating Raw Materials. On the other hand the Classes in which the largest percentage of low-paid male workers (in receipt of less than 30s. per week) are found are as follows:—XV. Surgical and other Scientific Instruments, 36.43 per cent.; XVIII. Leatherware, n.e.i., 34.14 per cent.; XI. Vehicles, Harness, etc., 30.36 per cent.; VIII. Books, Printing, etc., 29.27 per cent., and XVI. Timepieces, Jewellery, etc., 29.01 per cent. This proportion ranges down to 6.99 per cent. in Class I., Treating Raw Materials, so that that class has at the same time the lowest percentage of both highly-paid and low-paid workers. On the other hand, in Classes VIII. and XVI. the percentage of both high and low-paid workers is peculiarly large, leaving only about 25 per cent. of the employees in these classes in the two middle divisions.

6. **Effective Wages in various States.** On page 7 hereinbefore particulars were given of the average rate of wage for male and female workers, respectively, in each State. These particulars refer, of course, to nominal rates in which no allowance is made for relative cost of living, unemployment, overtime, and short time, etc. In the following table particulars are given of effective wages, allowance having been made for the difference in cost of living as between the several States:—

**Manufacturing Industries, Nominal and Effective Wages in each State,
November, 1912.**

STATE.	COST OF LIVING INDEX Nos.	MALES.		FEMALES.	
		Nominal Wage.	Effective Wage.	Nominal Wage.	Effective Wage.
		<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>
New South Wales ..	1,056	51 1	48 4	20 6	19 5
Victoria	960	46 9	48 8	19 11	20 9
Queensland	885	47 0	53 1	16 11	19 1
South Australia ..	1,022	48 9	47 8	17 8	17 3
Western Australia ..	1,061	57 9	54 5	22 5	21 2
Tasmania	961	44 4	46 2	16 5	17 1
COMMONWEALTH ..	1,000	49 3	49 3	19 8	19 8

The above results shew that for males the rates of wages, both nominal and effective, are highest in Western Australia, and lowest in Tasmania. New South Wales, which comes second in respect to nominal wage, is exceeded in effective wage by both Queensland and Victoria, while the effective wage in South Australia is lower than in any other State except Tasmania. For female workers, both nominal and effective wages are again highest in Western Australia, and lowest in Tasmania. Victoria occupies second place in regard to effective wages, and is followed, in the order named, by New South Wales, Queensland, and South Australia.

SECTION III.—VALUE ADDED IN PROCESS OF MANUFACTURE.

1. **General.**—In the table on pages 16 to 21 particulars are given of manufacturing industries in the Commonwealth under the nineteen main groups and ninety-six sub-classes referred to on page 4 hereinbefore. The figures given in this table refer generally to the whole year 1912, and are obtained mainly from the ordinary annual returns collected from manufacturing establishments. The columns headed "Average Rates of Wages" refer, however, to the week ended the 30th November, 1912, only, the particulars given therein being obtained from the special inquiry referred to in the preceding pages. It will be seen later that by combining the results of these two inquiries, viz., (a) the ordinary annual statistics, and (b) the special inquiry regarding wages, certain data are obtained which form the basis for an analysis of the relations between the added value, rates of wages, capital invested, etc. This analysis is now being undertaken.

The columns headed "Number of Employees" refer to the average number employed during the whole year, and include managers, overseers, clerks, and all other workers, except working proprietors. The average rates of wages per week are the weighted averages computed from the wages inquiry for November, 1912, the yearly rate being obtained by multiplying the weekly rate by fifty-two. The capital invested includes value of land, buildings, plant and machinery, but does not include value of raw material, stock in hand, etc., and other items, all of which may be designated as floating capital. The value of the output represents the total market value of the manufactured products as they leave the factories, while the added value (or net output, as it is sometimes called), which is the real measure of the value of production of manufacturing industries, is the difference between the total value of output and the value of the raw material used or worked up, and therefore represents the amount added to the value of raw materials in the process of manufacture. In each case (except rates of wages) the "average per employee," is obtained by dividing the aggregate quantities or values by the total average number of employees. In the present section of this report it is proposed to furnish further tabulations regarding the matter of "added value."

MANUFACTURING INDUSTRIES

INDUSTRY.	Number of Establishments.	NO OF EMPLOYEES.			AVERAGE RATES OF WAGES.								
		Males.	Females.	Total.	PER WEEK.			PER ANNUM.			Males.	Females.	Person.
					Males.	Females.	Person.	Males.	Females.	Person.			
					s. d.	s. d.	s. d.	£	£	£			
I.—TREATING RAW MATERIAL, ETC.													
SUB-CLASS													
1—Boiling-down and Bone Mills	89	793	14	807	50 0	20 0	49 11	130.00	52.00	129.78			
2—Tanneries	174	2,859	20	2,879	45 9	23 6	45 7	118.95	61.10	118.52			
3—Fellmongeries	120	2,358	65	2,423	47 3	18 2	46 4	122.85	47.23	120.47			
4—Chaff Cutting	455	2,049	22	2,071	44 2	24 0	44 2	114.82	62.40	114.82			
5—Bark Mills	21	197	..	197	47 0	..	47 0	122.20	..	122.20*			
6—Catgut, Sausage Casings	12	388	2	390	46 7	..	46 7	121.12	..	121.12*			
TOTAL	871	8,644	123	8,767	46 4	19 4	46 4	120.47	50.27	119.60			
II.—OILS AND FATS.													
SUB-CLASS													
1—Oil, Grease, Glue	25	294	8	302	46 1	15 4	45 3	119.82	39.87	117.65			
2—Soap, Candles	77	1,461	270	1,731	41 2	16 3	37 5	107.03	42.25	97.28			
TOTAL	102	1,755	278	2,033	42 2	16 3	38 10	109.63	42.25	100.97			
III.—STONE, CLAY, GLASS, ETC.													
SUB-CLASS													
1—Bricks, Pottery, etc.	457	7,091	83	7,174	52 4	19 5	52 0	136.07	50.48	135.20			
2—Glass Bottles	21	1,884	2	1,886	47 4	17 6	47 3	123.07	45.50	122.85			
3—Glass Beveling	44	610	8	618	47 3	20 0	47 2	122.85	52.00	122.63			
4—Lime, Cement, Asphalt	90	1,663	7	1,670	52 1	..	52 1	135.42	..	135.42			
5—Marble, Stone Dressing	75	756	4	760	53 0	..	53 0	137.80	..	137.80			
6—Modelling	18	152	2	154	49 1	20 5	48 6	127.62	53.08	126.10			
7—Minor Articles (n.e.i.)	4	14	..	14	50 11	..	50 11	132.38	..	132.38			
TOTAL	709	12,170	106	12,276	51 3	19 6	51 1	133.25	50.70	132.82			
IV.—WORKING IN WOOD.													
SUB-CLASS													
1—Cooperage	53	491	2	493	54 4	..	54 4	141.27	..	141.27			
2—Saw Milling, Joinery, etc.	1,609	27,600	163	27,763	51 4	21 1	51 4	133.47	54.82	133.47			
3—Wood Turning, etc.	75	452	14	466	42 2	13 10	41 5	109.63	35.97	107.68			
4—Minor Articles (n.e.i.)	10	193	5	198	43 2	19 10	42 8	112.23	51.57	110.93			
TOTAL	1,747	28,736	184	28,920	51 3	19 2	51 2	133.25	49.83	133.03			
V.—METAL WORKS, MACHINERY, ETC.													
SUB-CLASS													
1—Agricultural Implements	159	4,523	32	4,555	46 11	10 0	46 10	121.98	26.00	121.77			
2—Brass, Copper Smithing	99	1,327	37	1,364	41 4	15 10	38 11	107.47	41.17	101.18			
3—Cutlery	25	86	4	90	49 0	18 9	47 10	127.40	48.75	124.37			
4—Engineering	877	24,002	169	24,171	48 5	20 8	48 4	125.88	53.73	125.67			
5—Tinsmithing, Sheet Iron, etc.	311	4,628	255	4,883	42 9	16 1	41 7	111.15	41.82	108.12			
6—Lead, Shot, Zinc, etc.	6	56	1	57	55 4	..	55 4	143.87	..	143.87			
7—Cyanide	81	929	1	930	48 2	..	48 2	125.23	..	125.23*			
8—Smelting	61	6,984	6	6,990	64 3	..	64 3	167.05	..	167.05			
9—Railway Workshops	73	19,623	31	19,654	54 7	30 4	54 7	141.92	78.87	141.92			
10—Stoves, Ovens	42	942	7	949	47 7	..	47 7	123.72	..	123.72			
11—Wire-working	43	980	24	1,004	47 3	22 10	46 10	122.85	59.37	121.77			
TOTAL	1,779	64,080	567	64,647	51 11	17 6	51 8	134.98	45.50	134.33			

* The annual rates of wages are computed by multiplying the weekly weighted average wage by 52. No allowance in those industries which are peculiarly subject to such cessations, the percentage of average annual rates of wages to the average annual earnings (obtained by dividing the total amount of wages paid by the average number of earnings per employee in the following industries were; Bark Mills, £47; Catgut, Sausage Casings, £111; and Cyaniding compared with average annual rates of wages, £122, £121, and £125 respectively.

IN COMMONWEALTH, 1912.

CAPITAL INVESTED.		VALUE OF OUTPUT.		ADDED VALUE.		ADDED VALUE EXCLUSIVE OF FUEL & LIGHT		HORSE POWER USED		Per-centage of Rate of Wage to Total Value of Out-put.	Per-centage of Rate of Wage to Added Value.	Sub-class
Total.	Av'r'ge per Em- ployee.	Total.	Average per Em- ployee.	Total.	Av'r'ge per Em- ployee.	Total.	Av'r'ge per Em- ployee.	Total.	Av'r'ge per Em- ployee.	%	%	
£	£	£	£	£	£	£	£	H.P.	H.P.	%	%	
234,074	290.05	1,063,683	1318.07	218,226	270.41	193,251	239.47	1,775	2,1994	9.8	48.1	1
617,393	214.44	2,834,007	984.37	617,302	214.41	595,961	207.00	3,274	1,1372	12.0	55.6	2
616,158	254.29	4,444,938	1834.47	585,738	241.74	554,293	228.76	3,331	1,5811	6.6	49.6	3
419,684	202.65	2,068,750	998.91	383,640	185.24	365,608	176.54	3,883	1,8749	11.5	62.2	4
26,965	136.88	142,889	725.32	20,680	104.97*	19,809	100.55	415	2,1066	16.8	116.2	*5
16,913	43.36	99,281	254.56	49,004	125.65*	48,805	125.14	..	..	47.6	95.2	*6
1,931,187	220.27	10,653,548	1215.18	1,874,590	213.82	1,777,727	202.77	13,178	1,5031	9.8	55.9	
157,747	522.34	529,230	1752.41	83,662	276.03	78,141	258.75	288	0,9536	6.7	42.8	1
708,937	409.55	1,614,898	932.92	584,128	337.45	553,232	319.60	1,274	0,7359	10.4	28.8	2
866,684	426.36	2,144,128	1054.66	667,790	328.47	631,373	310.56	1,562	0,7683	9.6	30.7	
1,814,459	254.66	1,853,546	258.37	1,681,790	234.43	1,410,491	197.96	12,872	1,8065	52.3	57.7	1
136,293	72.26	377,623	200.22	322,849	171.18	270,529	143.44	350	0,1855	61.4	71.9	2
133,603	216.18	254,862	412.39	137,643	222.72	135,354	219.02	265	0,4288	29.7	55.2	3
629,161	376.74	701,336	419.06	538,133	322.23	454,720	272.29	6,983	4,1814	32.3	41.9	4
129,027	169.77	269,318	354.36	161,729	212.80	159,089	209.33	630	0,8289	38.9	64.8	5
27,332	134.64	47,077	305.69	32,398	210.37	32,276	209.59	10	0,0492	41.3	60.0	6
3,570	255.00	3,951	282.21	2,322	165.85	2,255	161.07	53	3,7857	46.9	79.5	7
2,873,445	234.07	3,507,713	285.73	2,876,864	234.34	2,464,714	200.78	21,163	1,7239	46.5	56.6	
107,014	217.06	162,549	329.71	81,771	165.86	80,198	162.67	376	0,7626	42.8	84.9	1
4,119,703	148.38	9,882,810	355.97	4,982,198	179.45	4,938,285	177.87	40,266	1,4503	37.5	74.3	2
106,499	229.61	146,974	315.40	83,341	178.84	80,666	173.10	670	1,4377	34.1	60.3	3
46,183	233.24	88,951	449.24	48,482	244.85	46,392	234.30	325	1,6414	24.7	45.3	4
4,379,399	151.43	10,281,484	355.51	5,195,792	179.66	5,145,541	177.92	41,637	1,4397	37.4	74.0	
613,271	134.63	1,538,421	337.74	786,825	172.73	755,864	165.94	2,419	0,5310	36.1	70.5	1
212,796	156.01	344,916	252.87	204,265	149.75	196,850	144.32	547	0,4010	40.0	67.3	2
28,856	320.62	23,073	256.36	18,946	210.51	18,294	203.27	100	1,1111	48.5	58.8	3
3,745,647	154.96	7,930,060	328.08	4,393,881	181.78	4,198,152	173.68	18,744	0,7754	38.3	69.2	4
689,595	141.22	1,802,700	369.17	774,920	158.69	763,131	156.28	1,292	0,2645	29.3	67.9	5
50,260	88.18	156,962	275.71	21,438	376.10	19,686	345.37	500	8,7719	5.2	38.3	6
189,502	203.76	206,631	222.18	141,068	151.68*	119,687	128.69	332	0,3569	56.4	82.2	*7
2,267,223	324.35	12,890,439	1844.12	4,149,706	593.66	3,471,372	496.62	23,585	3,3741	9.1	28.1	8
3,691,983	187.84	5,695,521	289.77	3,120,484	158.77	3,045,008	154.93	9,637	0,4903	49.0	89.3	9
128,652	135.56	300,621	316.77	188,318	198.43	184,792	194.72	415	0,4373	39.1	62.6	10
206,177	205.35	557,271	555.05	212,605	211.75	208,087	207.25	661	0,6583	21.9	57.5	11
11,746,074	181.69	31,446,315	486.43	14,012,456	216.75	12,980,923	200.80	58,232	0,9007	27.6	62.0	

has been made for cessation of work owing to seasonal slackness or for short time, etc., per employee. It follows that total value and added value is abnormally high. This is further illustrated by the fact that in certain industries (employees) are considerably lower than the average annual rates of wages. For example, during 1912, the average \$112 (representing 42.6 per cent., 88.3 per cent., and 73.8 per cent. of the added value per employee respectively),

Manufacturing Industries

INDUSTRY.	Number of Establishments.	NO OF EMPLOYEES.			AVERAGE RATES OF WAGES.								
		Males.	Females.	Total.	PER WEEK.			PER ANNUM.			Males.	Females.	Person.
					Males.	Females.	Person.	Males.	Females.	Person.			
					s. d.	s. d.	s. d.	£	£	£			
VI.—FOOD AND DRINK, ETC.													
SUB-CLASS													
1—Bacon	78	954	20	974	49 10	30 0	49 10	129.57	78.00	129.57			
2—Butter, Cheese	530	3,218	183	3,401	45 9	20 1	44 7	118.95	52.22	115.92			
3—Butterine, Margarine	7	71	2	73	44 1		44 1	114.62		114.62			
4—Meat Preserving, Freezing	201	6,647	170	6,817	56 6	20 3	55 4	146.90	52.65	143.87			
5—Biscuits	39	2,137	1,471	3,608	34 7	16 3	27 5	89.92	42.25	71.28			
6—Confectionery	96	1,900	1,644	3,544	39 9	15 3	26 6	103.35	39.65	68.90			
7—Oatmeal, Macaroni	53	719	508	1,227	41 6	19 0	32 8	107.90	49.40	84.93			
8—Flour Mills	227	2,682	55	2,737	48 6	19 6	48 6	126.10	50.70	126.10			
9—Jams, Pickles, and Sauces	133	2,410	1,974	4,384	38 7	21 3	30 7	100.32	55.25	79.52			
10—Sugar Mills	50	4,331	12	4,343	46 9	28 5	46 9	121.55	73.88	121.55			
11—Sugar Refineries	6	1,556	52	1,608	48 4	18 8	47 6	125.67	48.53	123.50			
12—Aerated Waters	648	3,500	267	3,767	40 1	18 0	38 7	104.22	46.80	100.32			
13—Breweries	110	3,457	7	3,464	49 10		49 10	129.57		129.57			
14—Condiments, Coffee, etc.	46	637	397	1,034	36 0	17 5	28 7	93.60	45.28	74.32			
15—Distilleries	29	148		148	52 1		52 1	135.42		135.42			
16—Malt	37	374	2	376	51 2		51 2	133.03		133.03			
17—Tobacco	35	1,822	1,637	3,459	52 8	30 6	41 9	136.93	79.30	108.55			
18—Salt	6	341	1	342	51 1		51 1	132.82		132.82			
TOTAL	2,331	36,904	8,402	45,306	46 4	20 7	41 6	120.47	53.52	107.90			
VII.—CLOTHING AND TEXTILE FABRICS, ETC.													
SUB-CLASS													
1—Woollen Cloth	23	1,387	1,967	3,354	35 0	21 6	27 1	91.00	55.90	70.42			
2—Boots and Shoes	332	8,163	4,787	12,950	47 4	20 6	37 2	123.07	53.30	96.63			
3—Clothing and Factories	1,238	6,867	22,999	29,866	49 9	21 7	27 9	129.35	56.12	72.15			
4—Dressmaking	994	265	17,416	17,681	50 7	17 8	18 6	131.52	45.93	48.10			
5—Dye works	24	110	129	239	43 6	19 11	30 10	113.10	51.78	80.17			
6—Furrier	24	76	168	244	45 3	21 4	28 2	117.65	55.47	73.23			
7—Caps and Hats	81	1,272	2,290	3,562	50 5	22 1	32 7	131.04	57.42	84.72			
8—Waterproof Oilskins	10	92	341	433	50 7	22 4	28 3	131.47	58.07	73.45			
9—Hosiery	293	531	10,680	11,211	42 5	19 0	20 2	110.28	49.40	52.43			
10—Bags, Sacks, Mats, Rope, Twine	33	884	422	1,306	35 6	17 11	27 10	92.30	46.58	72.37			
11—Sails, Tents, Tarpaulins	55	353	399	752	42 10	21 11	32 7	111.37	56.98	84.72			
12—Corsets, Ostrich Feathers	5	8	118	126	37 3	18 5	19 11	96.85	47.88	51.78			
TOTAL	3,112	20,008	61,716	81,724	46 10	19 9	26 2	121.77	51.35	68.03			
VIII.—BOOKS, PAPER, PRINTING, ETC.													
SUB-CLASS													
1—Printing, Electro., Stereos.	1,031	16,067	4,398	20,465	48 2	17 7	40 8	125.23	45.72	105.72			
2—Paper, Paper Bags and Boxes	72	1,056	1,739	2,795	42 3	17 4	24 10	109.85	45.07	64.57			
3—Photo, Engraving, Lithography	20	311	23	334	44 10	26 5	43 10	116.57	68.68	113.97			
4—Die Sinking, Ink, Printers' Ink	26	201	9	210	40 7	14 7	37 0	105.52	37.92	96.20			
TOTAL	1,158	17,635	6,169	23,804	47 9	17 6	39 4	124.15	45.50	102.27			
IX.—MUSICAL INSTRUMENTS													
TOTAL	21	558	51	609	52 5	19 5	50 1	136.28	50.48	130.22			
X.—ARMS, EXPLOSIVES, ETC.													
TOTAL	16	407	480	887	52 2	28 10	40 4	135.63	74.97	104.87*			
XI.—VEHICLES, SADDLERY HARNESS, ETC.													
SUB-CLASS													
1—Coaches, Waggon, Carriage Lamps	776	6,863	43	6,906	42 4	17 0	42 4	110.07	44.20	110.07			
2—Cycles	243	2,503	64	2,567	43 9	21 0	43 7	113.75	54.60	113.32			
3—Perambulators	12	185	8	193	38 8	26 9	38 5	100.53	69.55	99.88			
4—Saddlery, Harness, Whips	218	2,117	188	2,305	44 1	19 9	42 3	114.62	51.35	109.85			
TOTAL	1,249	11,668	303	11,971	42 11	19 11	42 6	111.58	51.78	110.50			

† See footnote * on pages 16 and 17, the figures relate mainly to the Commonwealth Small

in Commonwealth, 1912.—Continued.

CAPITAL INVESTED.		VALUE OF OUTPUT.		ADDED VALUE.		ADDED VALUE EXCLUSIVE OF FUEL & LIGHT.		HORSE POWER USED		Per-centage of Rate of Wage to Total Value of Out-put.	Per-centage of Rate of Wage to Added Value.	Sub-Class
Total.	Av'r'ge per Em- ployee.	Total.	Average per Em- ployee.	Total.	Av'r'ge per Em- ployee.	Total.	Av'r'ge per Em- ployee.	Total.	Av'r'ge per Em- ployee.	%	%	
£	£	£	£	£	£	£	£	H.P.	H.P.			
330,076	338.88	1,707,947	1753.53	352,546	361.95	338,444	347.47	1,285	1,3193	7.4	35.9	1
1,448,595	425.93	9,760,205	2869.83	1,083,859	318.68	1,013,704	298.06	7,093	2,0855	4.0	36.4	2
15,772	216.05	143,213	1961.82	34,653	474.69	33,394	457.45	118	0.1616	5.8	24.2	3
2,685,226	393.90	8,351,250	1225.06	1,742,531	255.61	1,618,664	237.44	15,912	2,3341	11.7	56.2	4
470,548	130.41	1,518,488	420.86	586,937	162.67	563,723	156.24	1,583	0.4387	16.9	43.6	5
523,999	147.85	1,553,407	438.32	603,927	170.47	586,330	165.44	1,270	0.3583	15.7	40.6	6
437,532	356.58	797,387	649.86	214,627	174.92	203,494	165.85	2,157	1.7579	13.1	48.6	7
1,809,315	661.05	7,646,303	2793.68	1,281,463	468.19	1,205,899	440.59	14,847	5.4245	4.5	26.9	8
453,511	103.44	1,884,045	429.75	607,865	138.65	589,027	134.36	1,296	0.2956	18.5	57.6	9
2,655,006	611.32	1,605,588	369.69	752,704	173.31	712,184	163.98	12,977	2.9880	32.9	70.5	10
1,361,354	846.61	3,849,548	2393.99	591,780	368.02	539,322	335.39	3,628	2.2562	5.2	33.7	11
971,223	275.82	1,603,956	425.79	1,010,734	268.31	994,387	263.97	2,333	0.6193	23.6	37.3	12
2,605,353	752.12	3,647,850	1053.07	2,153,780	621.76	2,076,874	599.56	5,678	1.6391	12.3	20.9	13
266,712	257.94	1,202,055	1162.52	264,114	255.42	258,438	249.94	1,009	0.9758	6.4	29.0	14
289,699	1957.42	221,943	1499.61	117,932	796.84	82,239	555.67	525	3.5472	9.0	16.9	15
309,266	822.51	711,702	1892.82	153,344	407.82	142,191	378.17	506	1.3457	7.0	32.6	16
576,316	166.61	2,696,157	779.46	1,073,444	310.33	1,069,177	309.10	917	0.2651	13.9	35.2	17
79,298	231.86	132,170	386.46	76,389	223.35	73,116	213.79	475	1.3888	34.4	59.6	18
17,288,801	381.60	49,033,214	1082.26	12,702,629	280.37	12,100,607	267.09	73,609	1.6247	10.0	38.5	
804,876	239.97	930,485	277.42	461,757	137.67	439,048	130.90	3,692	1.1067	25.4	50.7	1
996,673	76.96	3,819,371	294.93	1,634,621	126.22	1,617,377	124.89	2,646	0.2043	32.8	77.0	2
2,329,349	77.99	5,807,431	194.44	3,110,444	104.14	3,080,894	103.16	1,206	0.0403	37.1	69.2	3
952,697	53.88	2,429,315	137.39	1,179,385	66.70	1,170,242	66.19	371	0.0209	35.0	71.6	4
55,724	233.15	52,980	221.67	41,247	172.58	39,305	164.46	106	0.4435	36.2	46.2	5
24,508	100.44	77,991	319.63	34,048	139.54	33,796	138.51	16	0.0655	22.9	52.2	6
352,313	98.91	830,746	233.22	465,954	130.81	454,893	127.71	1,108	0.3110	36.3	64.9	7
53,061	122.54	126,361	291.82	54,527	125.92	53,821	124.29	39	0.0906	25.2	57.9	8
570,564	50.89	1,889,693	168.55	764,087	68.15	751,612	67.04	1,152	0.1027	31.1	76.5	9
292,701	224.12	627,126	480.18	208,598	159.72	202,711	155.21	2,088	1.5987	15.1	45.0	10
109,389	145.46	456,375	606.88	126,029	167.59	124,887	166.07	160	0.2127	14.0	50.6	11
7,056	56.00	20,871	165.64	9,768	77.52	9,629	76.42	..	..	31.3	66.7	12
6,548,911	80.13	17,068,745	208.85	8,090,465	98.99	7,978,215	97.62	12,584	0.1539	32.6	68.7	
5,119,608	250.16	6,146,846	300.36	4,243,212	207.34	4,172,283	203.88	8,567	0.4186	35.2	51.2	1
508,851	182.05	680,173	243.35	350,752	125.49	335,292	119.96	2,026	0.7248	26.5	52.0	2
97,959	293.29	83,767	250.80	65,371	195.72	63,745	190.85	119	0.3562	45.4	58.2	3
51,670	246.04	76,427	363.93	41,433	197.30	40,419	192.47	127	0.6047	26.4	48.7	4
5,778,088	242.73	6,987,213	293.53	4,700,768	197.47	4,611,739	193.74	10,839	0.4553	34.8	51.8	1
106,691	175.19	203,063	333.43	116,450	191.21	115,937	190.37	547	0.8981	39.1	68.1	1
271,123	305.66	233,962	263.77	88,459	99.73*	84,864	95.67	552	0.6223	39.8	105.0†	
1,024,020	148.28	1,802,524	261.01	1,088,297	157.58	1,063,512	153.99	2,151	0.3114	42.2	69.6	1
613,065	238.82	649,654	253.08	413,256	160.98	404,041	157.39	739	0.2878	44.8	70.2	2
21,347	110.60	52,948	274.34	24,781	128.39	24,626	127.59	23	0.1191	36.4	78.1	3
325,989	141.42	703,317	305.12	373,149	161.88	371,914	161.35	124	0.0537	36.0	67.9	4
1,984,421	165.77	3,208,443	268.01	1,899,483	158.67	1,864,093	155.72	3,037	0.2537	41.2	69.6	

Arms Factory, which is not necessarily worked for a profit,

Manufacturing Industries

INDUSTRY.	Number of Establishments.	NO OF EMPLOYEES.			AVERAGE RATES OF WAGES.					
		Males.	Females.	Total.	PER WEEK.			PER ANNUM.		
					Males.	Females.	Person.	Males.	Females.	Person.
					s. d.	s. d.	s. d.	£	£	£
XII.—SHIP AND BOAT BUILDING.										
SUB-CLASS										
1—Dock Slips	21	1,501	..	1,501	57 2	..	57 2	148.63	..	148.63
2—Ship Building	76	2,226	1	2,227	51 6	..	51 6	133.90	..	133.90
TOTAL	97	3,727	1	3,728	55 5	..	55 5	144.08	..	144.08
XIII.—FURNITURE, BEDDING, ETC.										
SUB-CLASS										
1—Bedding, Upholstery, etc. ..	113	1,336	539	1,875	45 9	21 6	39 9	118.95	55.90	103.35
2—Furniture, Billiard Tables, Cabinet Makers	480	6,985	178	7,163	49 5	21 8	48 5	128.48	56.33	125.88
3—Picture Framing	61	426	96	522	40 7	19 7	37 4	105.52	50.92	97.07
4—Venetian Blinds	16	98	7	105	38 6	18 9	37 2	100.10	48.75	96.63
TOTAL	670	8,845	820	9,665	48 4	21 4	46 4	125.67	55.47	120.47
XIV.—DRUGS AND CHEMICALS.										
SUB-CLASS										
1—Chemical Works	78	1,546	694	2,240	47 8	15 10	39 4	123.93	41.17	102.27
2—Fertilizers	16	743	9	752	51 10	9 0	51 9	134.77	23.40	134.55
3—Paint, Varnish, White Lead ..	36	336	159	495	43 0	15 1	38 9	111.80	39.22	100.75
4—Essential Oils	32	162	3	165	37 8	20 4	33 8	97.93	52.87	87.53
5—Blackening, Blue	40	325	248	573	37 7	17 9	25 5	97.72	46.15	66.08
TOTAL	202	3,112	1,113	4,225	46 0	16 11	36 8	119.60	43.98	95.33
XV.—SURGICAL AND OTHER SCIENTIFIC INSTRUMENTS.										
	44	182	29	211	42 9	25 8	41 0	111.15	66.73	106.60
XVI.—TIMEPIECES, JEWELLERY AND PLATED WARE.										
SUB-CLASS										
1—Electroplating	42	309	20	329	42 1	18 7	41 4	109.42	48.32	107.47
2—Jewellery	135	1,608	184	1,792	50 2	26 0	48 0	130.43	67.60	124.80
TOTAL	177	1,917	204	2,121	48 9	25 6	46 11	126.75	66.30	121.98
XVII.—HEAT, LIGHT AND POWER.										
SUB-CLASS										
1—Electric Apparatus	44	611	7	618	42 11	21 3	42 10	111.58	55.25	111.37
2—Electric Light	179	2,628	15	2,643	56 0	..	56 0	145.60	..	145.60
3—Gas, Coke	136	4,643	16	4,659	54 5	..	54 5	141.48	..	141.48
4—Lamp-makers	5	47	60	107	53 0	17 9	29 7	137.80	46.15	76.02
5—Hydraulic Power	3	34	..	34	58 4	..	58 4	151.66	..	151.66
6—Minor Articles (n.e.i.) ..	5	110	295	405	50 7	20 7	33 3	131.52	53.52	86.45*
TOTAL	372	8,073	393	8,466	53 10	19 6	53 2	139.97	50.70	138.23
XVIII.—LEATHERWARE (N.E.I.)										
	66	825	330	1,155	39 1	19 2	33 3	101.62	49.83	86.45
XIX.—MINOR WARES (N.E.I.).										
SUB-CLASS										
1—Basket, Wickerware	33	379	17	396	37 6	17 5	36 3	97.50	45.28	94.25
2—Brooms, Brushware	57	654	128	782	38 11	19 0	35 5	101.18	49.40	92.08
3—Rubber Goods	21	1,106	346	1,452	45 10	22 11	40 6	119.17	59.58	105.30
4—Umbrellas	19	112	251	363	36 0	19 9	23 4	93.69	51.35	60.67
5—Minor Articles (n.e.i.) ..	25	96	73	169	44 4	14 8	31 6	115.27	38.13	81.95
TOTAL	155	2,347	815	3,162	42 3	19 10	35 2	109.85	51.57	91.43
ALL CLASSES	14,878	231,598	82,084	313,677	49 3	19 8	41 6	128.05	51.13	107.90

* See footnote on pages 16 and 17. The actual earnings in this Sub-Class in 1912 averaged £122 for Males, £43 for

in Commonwealth, 1912.—Continued.

CAPITAL INVESTED.		VALUE OF OUTPUT.		ADDED VALUE.		ADDED VALUE EXCLUSIVE OF FUEL & LIGHT.		HORSE POWER USED		Per-centage of Rate of Wage to Total Value of Out-put.	Per-centage of Rate of Wage to Added Value.	Sub-Class
Total.	Av'r'ge per Em- ployee.	Total.	Average per Em- ployee.	Total.	Av'r'ge per Em- ployee.	Total.	Av'r'ge per Em- ployee.	Total.	Av'r'ge per Em- ployee.	%	%	
£	£	£	£	£	£	£	£	H.P.	H.P.			
1,533,517	1021.66	290,076	193.25	248,793	165.75	241,938	161.18	3,307	2.2032	76.9	89.8	1
325,913	146.34	560,841	251.83	367,313	164.93	361,994	162.55	1,149	0.5159	53.2	81.2	2
1,859,430	498.77	850,917	228.25	616,106	165.26	603,932	162.00	4,456	1.1952	63.1	87.2	
198,393	105.80	790,296	421.49	299,339	159.64	293,098	156.32	835	0.4453	24.5	64.4	1
905,578	126.42	1,942,149	271.13	1,128,856	157.59	1,114,547	155.59	3,508	0.4897	46.4	79.7	2
128,131	245.46	165,642	317.32	83,301	159.58	82,036	157.15	155	0.2969	30.6	60.6	3
20,789	197.99	35,776	340.72	18,629	177.42	18,492	176.11	46	0.4380	28.4	54.8	4
1,252,891	129.63	2,933,863	303.55	1,530,125	158.31	1,508,173	156.05	4,544	0.4701	39.7	76.1	
794,016	354.47	1,476,074	658.96	671,851	299.93	646,858	288.78	2,097	0.9361	15.5	34.0	1
411,014	546.56	495,761	659.26	180,706	240.30	170,238	226.38	1,995	2.6529	20.4	56.3	2
122,579	247.63	228,857	462.34	109,590	221.39	107,462	217.10	721	1.4565	21.8	45.7	3
7,680	46.54	34,465	208.88	22,556	136.70	22,264	134.93	59	0.3575	41.9	64.2	4
117,542	205.13	442,440	772.16	139,073	242.71	136,914	238.94	368	0.6422	8.6	27.2	5
1,452,831	343.86	2,677,606	633.75	1,123,776	265.98	1,083,736	256.51	5,240	1.2402	15.0	35.9	
70,923	336.12	59,667	282.78	42,284	200.40	41,534	196.84	55	0.2606	37.7	53.5	1
92,993	282.65	76,595	233.41	60,084	182.62	57,703	175.39	262	0.7963	46.0	58.5	1
313,104	174.72	723,526	403.75	358,108	199.83	354,305	197.72	279	0.1556	30.9	62.5	2
406,097	191.46	800,121	377.23	418,192	197.16	412,008	194.25	541	0.2550	32.3	61.9	
110,455	178.73	161,154	260.76	89,670	145.09	87,517	141.61	280	0.4530	42.7	76.6	1
4,435,739	1678.30	1,941,421	734.56	1,888,943	714.69	1,415,912	535.72	132,137	49.9951	19.8	20.4	2
5,091,685	1092.87	2,630,578	564.62	1,809,614	388.41	1,731,814	371.71	4,166	0.8941	25.1	36.3	3
30,311	283.28	39,784	371.81	25,768	240.82	25,433	237.69	24	0.2243	20.7	32.0	4
124,445	3660.15	44,378	1305.24	38,781	1140.62	34,898	1026.41	1,350	39.7058	11.6	13.3	5
111,640	275.65	84,660	209.03	32,905	81.24*	30,961	76.44	264	0.6518	41.4	106.3	*6
9,904,275	1164.89	4,901,975	579.02	3,885,681	458.98	3,326,535	392.93	138,221	16.3266	23.9	30.1	
148,341	128.43	531,323	460.02	192,049	166.27	189,702	164.24	395	0.3419	18.8	51.8	1
35,633	89.98	75,461	190.55	48,276	121.91	48,181	121.67	11	0.0277	49.5	77.0	1
75,651	96.74	236,741	302.73	98,705	126.22	97,561	124.76	167	0.2135	30.4	73.0	2
207,976	143.23	760,692	523.89	258,476	178.01	245,271	168.92	1,106	0.7617	20.1	59.0	3
49,995	137.72	133,430	367.57	41,801	115.15	41,330	113.86	25	0.0688	16.5	53.0	4
33,184	196.35	45,983	272.08	18,570	109.88	18,106	107.14	58	0.3431	30.1	45.5	5
402,439	127.27	1,252,307	396.05	465,828	147.32	450,449	142.46	1,367	0.4323	23.1	62.0	
69,272,051	220.84	148,775,407	474.29	60,499,787	192.87	57,371,802	182.90	391,759	1.2489	22.8	55.9	

Females, and £65 for All Persons employed, representing 80 per cent. of the Added Value per Employee.

2. **Classification of Employees according to Added Value.**—From the data given in the table on pages 16 to 21 the average number of employees (male and female) engaged in the various industries have been grouped according to the average added value per employee. As already pointed out, the "added" value or net output is the difference between the total value of the output as it leaves the factories and the value of the raw materials worked up or used. The results are given in the following table, which also shews the percentage of persons whose average added value falls within each group. The average added value in each group is also given. The added value is, of course, subject to various deductions before it can be regarded as indicating the profit of manufacture.

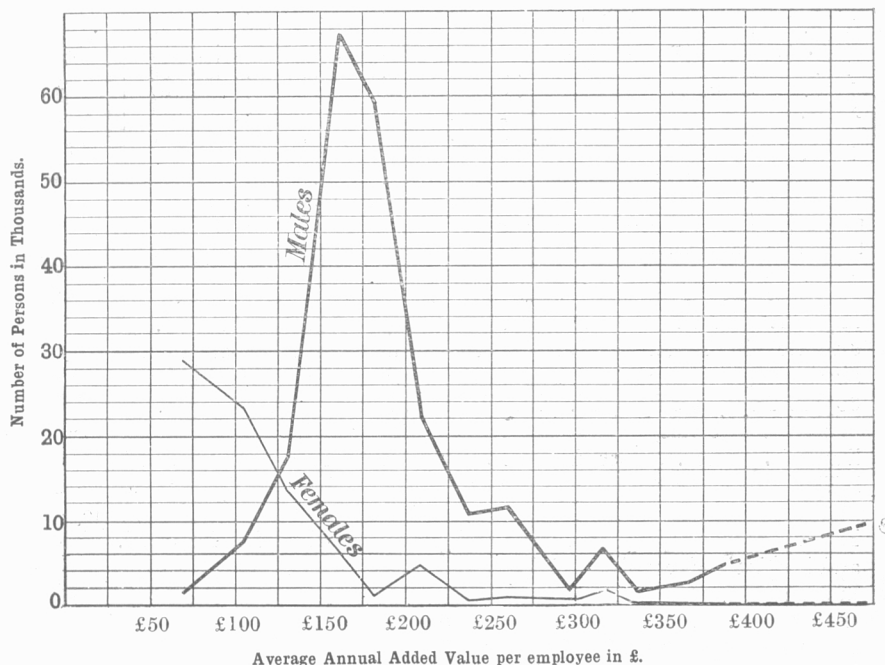
Manufacturing Industries.—Number and Percentage of Employees engaged in Industries, classified according to Added Value per Employee, 1912.

LIMITS OF ADDED VALUE PER EMPLOYEE.	Average Added Value per Em- ployee.	MALES.		FEMALES.		PERSONS.	
		Average No. Em- ployed.	Per- centage on Total Males.	Average No. Em- ployed.	Per- centage on Total Fe- males.	Average No. Em- ployed.	Per- centage on Total Persons
	£	No.	%	No.	%	No.	%
Under £100	69	1,321	0.57	28,989	35.32	30,310	9.66
£100 and under £125	105	7,651	3.30	23,340	28.44	30,991	9.88
125 " 150	131	17,783	7.68	13,451	16.39	31,234	9.96
150 " 175	161	67,308	29.07	6,347	7.73	73,655	23.48
175 " 200	182	59,236	25.59	1,015	1.24	60,251	19.21
200 " 225	209	22,369	9.66	4,649	5.66	27,018	8.61
225 " 250	237	10,757	4.64	470	0.57	11,227	3.58
250 " 275	260	11,577	5.00	848	1.03	12,425	3.96
275 " 300	297	1,840	0.79	702	0.85	2,542	0.81
300 " 325	316	6,703	2.89	1,827	2.23	8,530	2.72
325 " 350	337	1,461	0.63	270	0.33	1,731	0.55
350 " 375	366	2,510	1.08	72	0.09	2,582	0.82
375 " 400	388	4,699	2.03	17	0.02	4,716	1.51
400 and over ..	596	16,378	7.07	87	0.10	16,465	5.25
	193	231,593	100.0	82,084	100.0	313,677	100.0

The number of male and female employees in each of the above groups is shewn in relation to the average added value per employee in each group in the graph on page 23. As regards males, the graph shews clearly that a large proportion are engaged in industries in which the added value ranges from £150 to under £200 per annum per employee. The number employed in such industries is 126,544, or 54.7 per cent. of the total number of male employees. The apparent increase at the end of the graph (shewn in broken lines) in the number of males employed in industries in which a high added value is obtained is, of course, due to the fact that the whole of the em-

ployees in these industries (£400 and over) are not distributed in groups graduated according to added value. Of the females, 52,329, or 63.8 per cent., are employed in industries in which the average added value is less than £125 per annum. Taking both sexes together, out of a total number of 313,677 employees, 226,441, or 72 per cent., are engaged in industries yielding an annual added value per employee of less than £200, whilst 92,535, or nearly 30 per cent., are occupied in industries producing less than £150 per annum per employee. There is, of course, a wide divergence in the distribution in the various groups as between male and female workers. Thus the industries in which the added value is less than £150 per employee include only 26,755 males, as compared with 65,780 females, whereas industries in which the added value is £150, but less than £200, comprise as many as 126,544 males, and only 7362 females.

Manufacturing Industries.—Graph shewing Number of Male and Female Employees grouped according to Added Value, 1912.



(i.) *Industries in which the Average Annual Added Value per Employee was less than £150, 1912.*—An analysis of the industries in which the average net production per employee was less than £150 per annum, shews that they comprise a considerable part of the clothing and textile manufactures. A complete list of these industries is given in the following statement, which shews the number of males and females employed in each sub-class falling within this group:—

**Manufacturing Industries in which the Average Added Value per Employee
was less than £150 per annum, 1912.**

CLASS.		INDUSTRY.	AVERAGE NO. EMPLOYED.	
No.	Sub- Class.		Males.	Females.
I.	5	Bark Mills	197	..
	6	Sausage Casings	388	2
V.	2	Brass and Copper Smithing	1,327	37
VI.	9	Jams, Pickles, etc.	2,410	1,974
VII.	1	Woollen Mills	1,387	1,967
	2	Boots and Shoes	8,163	4,787
	3	Clothing Factories	6,867	22,999
	4	Dressmaking, etc.	265	17,416
	6	Furriers	76	168
	7	Hats, Caps, etc.	1,272	2,290
	8	Waterproofs, etc.	92	341
	9	Underclothing, etc.	531	10,680
	12	Corset Making	8	118
VIII.	2	Paper, Paper Bags, etc.	1,056	1,739
X.		Arms and Explosives	407	480
XI.	3	Perambulators	185	8
XIV.	4	Essential Oils	162	3
XVII.	1	Electrical Apparatus	611	7
	6	Minor Articles, n.e.i.	110	295
XIX.	1	Basket and Wickerware	379	17
	2	Brooms and Brushware	654	128
	4	Umbrellas	112	251
	5	Minor Articles, n.e.i.	96	73

The above industries include in all 26,775 males and 65,780 females. Of the twelve sub-classes comprised in Class VII. (Clothing and Textile Fabrics) no fewer than nine are included in the above statement, and in these nine sub-classes there are 18,661 males and 60,766 females employed. In addition, it will be seen that Group VI., sub-class 9 (Jams, Pickles, etc.), and Group VIII., sub-class 2 (Paper, Paper-bags, etc.), both include a large number of females. In Group XVII., sub-class 6 (Minor Articles, n.e.i.), and Group XIX., sub-class 4 (Umbrellas), there are a larger number of females than males employed. It may be remarked that the employees comprised in Group X. (Arms and Explosives) consist mainly of workers at the Commonwealth Government small arms factory at Lithgow and the Cordite and Ammunition factory at Maribyrnong. These establishments are not necessarily run to produce profits, and the added value per employee is accordingly small.

(ii.) *Industries in which the Average Annual Added Value per Employee was £150, but less than £200, 1912.*—This group of industries includes the thirty-five sub-classes shewn in the following table, and comprises nineteen industries working in wood and metals, four in foodstuffs, three in clothing and textile fabrics, three in leatherware and rubber, and two in clay, glass, etc., together with Chaffcutting, Cyaniding, Bedding, etc., Photo-engraving, and Die-sinking. The

number of males engaged in those industries was 126,544, or 54.7 per cent., and the number of females 7362, or 9.0 per cent., of the total number of males and females, respectively, in all manufacturing industries.

Manufacturing Industries in which the Average Added Value per Employee was £150, but less than £200, 1912.

CLASS.		INDUSTRY.	AVERAGE NO. EMPLOYED.	
No.	Sub-Class.		Males.	Females.
I.	4	Chaffcutting	2,049	22
III.	2	Glass Bottles	1,884	2
	7	Minor Wares, N.E.I.	14	..
IV.	1	Cooperage	491	2
	2	Saw Mills and Joinery	27,600	163
	3	Wood Carving	452	14
V.	1	Agricultural Implements	4,523	32
	4	Engineering, etc.	24,002	169
	5	Tinsmithing, etc.	4,628	255
	7	Cyaniding	929	1
	9	Railway Workshops	19,623	31
	10	Stoves, Ovens, etc.	942	7
VI.	5	Biscuits, etc.	2,137	1,471
	6	Confectionery	1,900	1,644
	7	Oatmeal and Gristing	719	508
	10	Sugar Factories	4,331	12
VII.	5	Dyeworks	110	129
	10	Rope, Twine, etc.	884	422
	11	Tents, Sails, etc.	353	399
VIII.	3	Photo. Engraving, etc.	311	23
	4	Ink, Die Sinking, etc.	201	9
IX.	1	Musical Instruments, etc.	558	51
XI.	1	Coachbuilding, etc.	6,863	43
	2	Cycles, etc.	2,503	64
	4	Saddlery and Harness	2,117	188
XII.	1	Docks and Slips	1,501	..
	2	Ship and Boat Building	2,226	1
XIII.	1	Bedding, etc.	1,336	539
	2	Furniture, etc.	6,985	178
	3	Picture Framing	426	96
	4	Venetian Blinds	98	7
XVI.	1	Electroplating	309	20
	2	Jewellery	1,608	184
XVIII.	1	Leatherware, N.E.I.	825	330
XIX.	3	Rubber Goods	1,106	346

It will be seen, therefore, that no fewer than 133,906 persons, that is, 42.7 per cent. of the total number employed in manufacturing establishments, are engaged in industries in which the average added value was as much as £150, but less than £200 per employee. As regards males, the greatest number employed in any individual industry were in Class IV., sub-class 2 (Sawmills, Joinery, etc.), followed in the order named by Class V., sub-class 4 (Engineering, etc.), with 24,002, and sub-class 9 (Railway Workshops) with 19,623. Of the females, 3635, or nearly 50 per cent., were comprised in the four sub-classes of Class VI. (Food, Drink, etc.).

(iii.) *Industries in which the Average Annual Added Value per Employee was £200, but less than £300, 1912.*—In this group there are twenty-two industries, of which four are included in each of the Classes VI. (Food, Drink, etc.), III. (Clay, Glass, etc.), and XIV. (Drugs and Chemicals), three in Class I. (Treating Raw Materials), two in Class V. (Engineering, etc.), and one each in Classes II. (Oils and Fats), IV. (Wood Working), VIII. (Books, Printing, etc.), XV. (Surgical Instruments), and XVII. (Heat, Light, and Power). The number of persons employed in these industries was 53,212—46,543 males and 6669 females, equalling 20.0 and 8.1 per cent., respectively, of the total number engaged in all manufacturing establishments.

Manufacturing Industries in which the Average Added Value per Employee was £200, but less than £300, 1912.

CLASS.		INDUSTRY.	AVERAGE NO. EMPLOYED.	
No.	Sub-Class.		Males.	Females.
I.	1	Boiling Down, etc.	793	14
	2	Tanneries	2,859	20
	3	Fellmongery	2,358	65
II.	1	Oil, Grease and Glue	294	8
III.	1	Bricks and Pottery	7,091	83
	3	Glass Bevelling	610	8
	5	Stone Dressing	756	4
	6	Modelling	152	2
IV.	4	Minor Articles, N.E.I.	193	5
V.	3	Cutlery	86	4
	11	Wireworking	980	24
VI.	4	Meat Preserving, etc.	6,647	170
	12	Aerated Waters	3,500	267
	14	Condiments, Coffee, etc.	637	397
	18	Salt	341	1
VIII.	1	Printing and Publishing	16,067	4,398
XIV.	1	Chemical Works	1,546	694
	2	Fertilizers	743	9
	3	Paints, Varnish, etc.	336	159
	5	Blacking, Blue, etc.	325	248
XV.	1	Surgical Instruments	182	29
XVII.	4	Lampware	47	60

Of the 53,212 persons employed in the above industries, 46,543, or 87.5 per cent., are males, and 6669, or 12.5 per cent., are females. As regards the number of persons engaged in individual industries, Class VIII., sub-class 1 (Printing and Publishing) is the most important, followed in order by Class III., sub-class 1 (Bricks and Pottery) with 7174, down to Class V., sub-class 3 (Cutlery), with ninety employees.

(iv.) *Industries in which the Average Annual Added Value per Employee was £300 and over, 1912.* This group comprises sixteen industries, employing 34,024 persons, of which 31,751, or 93.3 per cent., are males, and 2273, or 6.7 per cent., are females. Of these sixteen industries nine are included in Food and Drink, three in Heat, Light, and Power, two in Engineering, etc., and one in Oils and Fats, and one in Clay, Glass, etc.

Manufacturing Industries in which the Average Annual Added Value per Employee was £300 or over, 1912.

CLASS.		INDUSTRY.	AVERAGE NO. EMPLOYED.	
No.	Sub-Class.		Males.	Females.
II.	2	Soap and Candles	1,461	270
III.	4	Lime, Cement, etc.	1,663	7
V.	6	Lead, Shot, etc.	56	1
	8	Smelting	6,984	6
VI.	1	Bacon Curing	954	20
	2	Butter, Cheese, etc.	3,218	183
	3	Butterine, etc.	71	2
	8	Flour Milling	2,682	55
	11	Sugar Refining	1,556	52
	13	Brewing	3,457	7
	15	Distilling	148	..
	16	Malting	374	2
	17	Tobacco, Cigars, etc.	1,822	1,637
XVII.	2	Electric Lighting	2,628	15
	3	Gas and Coke	4,643	16
	5	Hydraulic Power	34	..

The above industries include 31,751 males and 2273 females, being relatively 13.7 per cent. and 2.8 per cent. of the total number engaged in all manufacturing establishments. Of the whole eighteen sub-classes which are comprised within Class VI. (Food and Drink), nine are included in the above table. As regards the number of employees in industries included in the above group, Class V., sub-class 8 (Smelting), has the largest number, 6990; with Class XVII., sub-class 3 (Gas and Coke), next. These are followed by four sub-classes of Class VI., viz., sub-class 13 (Brewing), 3464; 17 (Tobacco, Cigars, etc.), 3459; 2 (Butter, Cheese, etc.), 3401; and 8 (Flour, Milling), 2737, and then by Class XVII., sub-class 2 (Electric Lighting), down to Class V., sub-class 6 (Lead, Shot, etc.), which accounts for fifty-seven employees only.

SECTION IV.—CAPITAL INVESTED AND ADDED VALUE PER EMPLOYEE IN RELATION TO RATES OF WAGES.

1. **General.**—The table on pages 28 and 29 shews the various industrial sub-classes arranged according to ascending order of magnitude of the added value per employee. For comparative purposes particulars are also given of the average annual rates of wages (for males, females, and all wage-earners together, computed from the special returns collected in November, 1912) and of the capital invested (land, buildings, plant, and machinery), value of output, and value of raw materials used, each per employee (computed from the annual manufacturing returns for 1912). Particulars of the average number of persons employed and of the total capital invested, the total value of output, raw materials, and added value may be found in the table already

given on pages 16 to 21. In the following paragraphs further information is given regarding these various matters, but as the relationships existing between the various phenomena are involved and subject to various qualifications, their analysis has been left over for the present, and will form the subject for consideration at a later date.

Manufacturing Industries.—Added Value per Employee in Ascending Order of Magnitude in relation to Wages, Capital, Total Output, and Value of Raw Materials used per Employee, 1912.

Industry.	Average Annual Rates of Wages.			Capital Invested per Employee.	Total Value of Output per Employee.	Value of Raw Materials used per Employee.	Added Value per Employee.	Percentage of Wages to Added Value.
	Males.	Females.	All Persons.					
	£	£	£	£	£	£	£	
Dressmaking, etc.	132	46	48	54	137	70	67	71.6
Underclothing, etc.	110	49	52	51	169	101	68	76.5
Corset Making	97	48	52	56	166	88	78	66.7
Minor Articles (Class XVII)	132	54	86	276	209	128	81	106.3*
Arms and Explosives	136	75	105	306	264	164	100	105.0†
Clothing, etc.	129	56	72	78	194	90	104	69.2
Bark Milling	122	..	122	137	725	620	105	116.2*
Minor Articles (Class XIX)	115	38	50	196	272	162	110	45.5
Umbrella Making	94	51	61	138	368	253	115	53.0
Basket and Wickerware	97	45	94	90	191	69	122	77.0
Paper, Paper Bags, etc.	110	45	65	182	243	118	125	52.0
Sausage Casings, etc.	121	‡57	121	43	255	129	126	95.2*
Waterproofs, Oilskins, etc.	131	58	73	123	292	166	126	57.9
Brooms and Brushware	101	49	92	97	303	177	126	73.0
Boots and Shoes	123	53	97	77	295	169	126	77.0
Perambulators	101	70	100	111	274	146	128	78.1
Hats, Caps, etc.	131	57	85	99	233	102	131	64.9
Essential Oils	98	53	88	47	209	72	137	64.2
Woollen Mills	91	56	70	240	277	139	138	50.7
Jams, Pickles, etc.	100	55	80	103	430	291	139	57.6
Furriers	118	55	73	100	320	180	140	52.2
Electrical Apparatus	112	55	111	179	261	116	145	76.6
Brass and Copper Smithing	108	41	101	156	253	103	150	67.3
Cyanide Plants	125	..	125	204	222	70	152	82.2*
Coach Building, etc.	110	44	110	148	261	103	158	69.6
Furniture, etc.	128	56	126	126	271	113	158	79.7
Galvanised Iron Working	111	42	108	141	369	210	159	67.9
Railway Workshops	142	79	142	188	290	131	159	89.3
Picture Framing	106	51	97	245	317	157	160	60.6
Bedding, etc.	119	56	103	106	421	261	160	64.4
Rope, Twine, etc.	92	47	72	224	480	320	160	45.0
Cycles, etc.	114	55	113	239	253	92	161	70.2
Saddlery, Harness, etc.	115	51	110	141	305	143	162	67.9
Biscuits, etc.	90	42	71	130	421	258	163	43.6
Ship and Boat Building	134	‡90	134	146	252	87	165	81.2
Docks and Slips	149	..	149	1022	193	27	166	89.8
Clay, Glass, etc., N.E.I.	132	..	132	255	282	116	166	79.5
Coopering	141	‡76	141	217	330	164	166	84.9
Leatherware, N.E.I.	107	50	86	128	460	294	166	51.8
Tents, Sails, etc.	111	57	85	145	607	439	168	50.6

* The annual rates of wages are computed by multiplying the weekly weighted average wage by 52. No allowance has been made for cessation of work owing to seasonal slackness or for short time, etc., per employee. It follows that in those industries which are peculiarly subject to such cessations, the percentage of average annual rates of wages to total value and added value is abnormally high. This is further illustrated by the fact that in certain industries the average annual earnings (obtained by dividing the total amount of wages paid by the average number of employees) are considerably lower than the average annual rates of wages. For example, during 1912, the average earnings per employee in the following industries were: Bark Mills, £47; Catgut, Sausage Casings, £111; and Cyaniding, £112 (representing 42.6 per cent., 88.3 per cent., and 73.8 per cent. of the added value per employee respectively), compared with average annual rates of wages, £122, £121, and £125 respectively. † See footnote *. the figures relate mainly to the Commonwealth Small Arms Factory, which is not necessarily worked for a profit. ‡ See footnote p. 29.

Manufacturing Industries.—Added Value per Employee, etc.—continued.

Industry.	Average Annual Rates of Wages.			Capital Invested per Employee.	Total Value of Output per Employee.	Value of Raw Materials used per Employee.	Added Value per Employee.	Percentage of Wages to Added Value.
	Males.	Females.	All Persons.					
	£	£	£	£	£	£	£	£
Confectionery	103	40	69	148	438	268	170	40.6
Glass Bottles	123	46	123	72	200	29	171	71.9
Dyeworks	113	52	80	233	222	49	173	46.2
Agricultural Implements	122	51	122	135	338	165	173	70.5
Sugar Factories	122	74	122	611	370	197	173	70.5
Oatmeal and Gristing	108	49	85	357	650	475	175	48.6
Venetian Blinds	100	49	97	198	341	164	177	54.8
Rubber Goods	119	60	105	143	524	346	178	59.0
Wood Turning	110	36	108	230	315	136	179	60.3
Saw Mills and Joinery	133	55	133	148	356	177	179	74.3
Engineering, etc.	126	54	126	155	328	146	182	69.2
Electroplating	109	48	107	283	233	50	183	58.5
Chaffcutting	115	62	115	203	999	814	185	62.2
Musical Instruments	136	50	130	175	333	142	191	68.1
Photo, Engraving, etc.	117	69	114	293	251	55	196	58.2
Ink, Die Sinking, etc.	106	38	96	246	364	167	197	48.7
Stoves, Ovens, etc.	124	†78	124	136	317	119	198	62.6
Jewellery, Time Pieces, etc.	130	68	125	175	404	204	200	62.5
Surgical Instruments, etc.	111	67	107	336	283	83	200	53.5
Printing and Publishing	125	46	106	250	300	93	207	51.2
Modelling	128	53	126	135	306	96	210	60.0
Cutlery	127	49	124	321	256	45	211	58.8
Wireworking	123	59	122	205	555	343	212	57.5
Stone and Marble Dressing	138	†81	138	170	354	141	213	64.8
Tanneries	119	61	119	214	984	770	214	55.6
Paints, Varnish, etc.	112	39	101	248	462	241	221	45.7
Salt	133	†78	133	232	386	163	223	59.6
Glass, Bevelling, etc.	123	52	123	216	412	189	223	55.2
Bricks and Pottery	136	50	135	255	258	24	234	57.7
Fertilizers	135	52	135	547	659	419	240	56.3
Lampware	138	46	77	283	372	131	241	32.0
Fellmongering, etc.	123	47	120	254	1834	1592	242	49.6
Blacking, Blue, etc.	98	46	66	205	772	529	243	27.2
Working in Wood, N.E.I.	112	52	111	233	449	204	245	45.3
Condiments, Coffee, etc.	94	45	74	258	1163	908	255	29.0
Meat Preserving, etc.	147	53	144	394	1225	969	256	56.2
Aerated Waters, etc.	104	47	100	276	426	158	268	37.3
Boiling Down	130	52	130	290	1318	1048	270	48.1
Oils and Grease	120	40	118	522	1752	1476	276	42.8
Chemical Works	124	41	102	354	659	359	300	34.0
Tobacco Working	137	79	109	167	779	469	310	35.2
Butter, Cheese, etc.	119	52	116	426	2870	2551	319	36.4
Lime, Cement, etc.	135	†66	135	377	420	98	322	41.9
Soap and Candles	107	42	97	410	933	596	337	28.8
Bacon Curing	130	78	130	339	1753	1391	362	35.9
Sugar Refining, etc.	126	49	124	847	2394	2026	368	33.7
Lead, Shot, etc.	144	†104	144	88	2754	2378	376	38.3
Gas and Coke	141	†36	141	1093	565	177	388	36.3
Malting	133	†117	133	823	1893	1485	408	32.6
Flour Milling	126	51	126	661	2794	2326	468	26.9
Butterine, etc.	115	†114	115	216	1962	1487	475	24.2
Distilling	135	..	135	1957	1500	703	797	16.9
Smelting	167	†120	167	324	1844	1250	594	28.1
Breweries	130	†86	130	752	1053	431	622	20.9
Electric Lighting	146	†69	146	1678	735	20	715	20.4
Hydraulic Power	152	..	152	3660	1305	164	1141	13.3

† The rates of wages shewn represent the actual amounts paid as ascertained from the Production Schedules. No females were shewn in the Special Investigation Returns to have been employed in these industries.

2. Added Value per Employee and Rates of Wages.—An examination of the figures in the preceding table shewing average wages and added value per employee immediately suggests that, in a broad way, there is a correlation between the two. The added value per employee has been arranged in ascending order of magnitude, and it is evident that, on the whole, the wages are higher in cases where the added value is large. This phenomenon is illustrated in another way, viz., by the figures in the last column of the table, which shew the percentage of average annual rates of wages on the added value per employee. It may be seen that this percentage is, on the average, considerably smaller in industries in which the added value is relatively higher than in those in which it is low.

In order to illustrate the general relation between rates of wages and added value per employee, the average rates paid in the several industries in which the added value falls within certain limits have been computed. For this purpose the industries have been classified according to added value per employee in the same groups as shewn in the table on page 22. The results are shewn in the following table:—

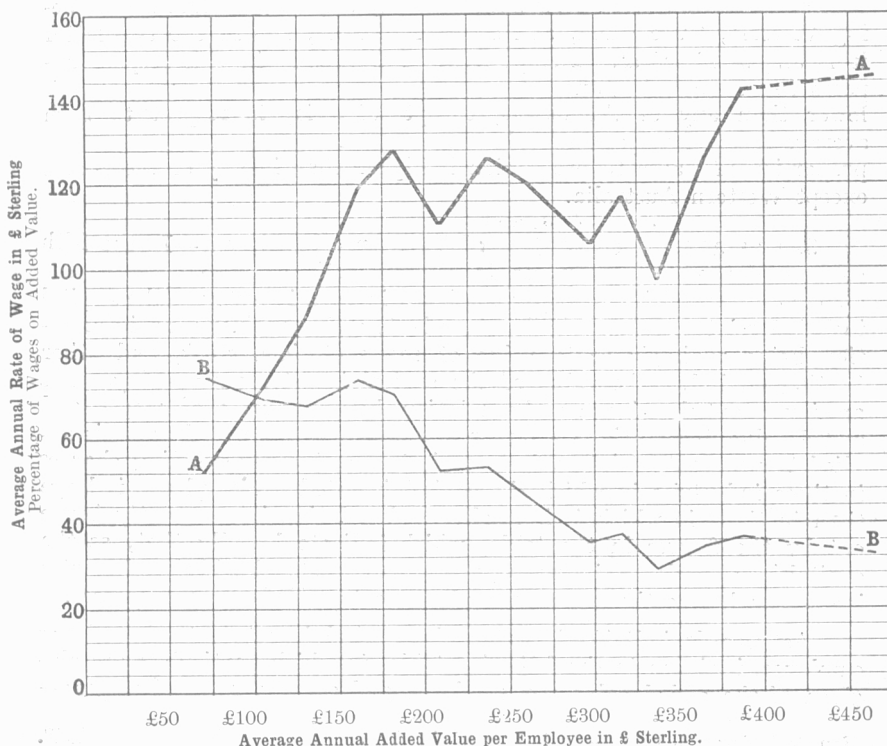
Manufacturing Industries.—Added Value and Rates of Wages, 1912.

Limits of Annual Added Value Per Employee.	Average Added Value per Employee.	Number of Persons in each Group.			Annual Rate of Wages.			Percentage of Average Wages on Added Value per Employee.
		Males.	Fe- males.	All Per- sons.	Males.	Fe- males.	All Per- sons.	
Under £100 ..	£ 69	1,522	28,229	29,751	£ 125	£ 48	£ 52	74.5
£100 and under £125	105	6,127	20,064	26,191	127	56	72	69.2
125 " 150	131	15,514	11,723	27,237	115	54	89	67.8
150 " 175	161	63,838	5,439	69,277	125	46	119	73.9
175 " 200	182	52,366	649	53,015	129	59	128	70.4
200 " 225	209	17,924	4,231	22,155	125	46	110	52.4
225 " 250	237	9,986	755	10,741	131	46	126	53.0
250 " 275	260	9,303	816	10,119	126	47	120	46.0
275 " 300	297	1,657	471	2,128	123	41	105	35.3
300 " 325	316	5,890	1,685	7,575	129	77	117	37.1
325 " 350	337	1,351	242	1,593	107	42	97	28.8
350 " 375	366	2,459	48	2,507	127	50	126	34.3
375 " 400	388	4,763	..	4,763	142	..	142	36.5
400 and over ..	596	16,420	3	16,423	151	50	151	25.2

The figures in the above table are shewn in the graph on page 31, in which the heavy line indicates the relation between rates of wages and added value, and the light line the percentage of rates of wages on added value in relation to the added value. The former line clearly indicates that, on the whole, wages increase with the added value, while the light line shews that the percentage of rates of wages on added values decreases as the added value increases. The correlation between these figures is, however, by no means simple, and is subject to various qualifications, involving considerations of capital, turnover, interest, depreciation, standing charges, etc. It has already been

stated that the further elucidation of problems of this nature will be dealt with in a later Report.

Manufacturing Industries.—Graph shewing Annual Rate of Wage in relation to Average Added Value per Employee, 1912.



A A.—Rates of Wages in relation to Added Value.

B B.—Percentage of Wages on Added Value in relation to Added Value.

There is a considerable difference in the average of the added value per employee as between the several States. This is due, no doubt, partly to the dissimilarity in the nature of the industries carried on and partly to the differences in price level. Particulars for each State are given in the following table:—

Manufacturing Industries.—Rates of Wages and Added Value per Employee in States, 1912.

Particulars.	Average Annual Rate of Wages.			Average Added Value per Employee	Percentage of Average Wage on Added Value.
	Males.	Females.	Persons.		
	£	£	£	£	Per cent.
New South Wales ..	133	53	114	216	52.8
Victoria ..	122	52	98	166	59.0
Queensland ..	122	44	106	191	55.5
South Australia ..	127	46	110	200	55.0
Western Australia ..	150	58	136	221	61.5
Tasmania ..	115	43	103	168	61.3
COMMONWEALTH ..	128	51	108	193	55.9

These results shew that for the whole Commonwealth the average rate of wage is £108 per annum, which is nearly 56 per cent. of the value of the production per employee. The percentage of wages to added value is highest in Western Australia, followed closely by Tasmania. It is lowest in New South Wales, the intermediate States being Victoria, Queensland, and South Australia, and in the two latter it is almost identical. The position of Tasmania in this respect appears to be somewhat anomalous, inasmuch as although that State is lower than any of the others, except Victoria, in respect to both average rates of wages and value of production per employee, yet the proportion of wages to production is higher than in any of the States except Western Australia.

3. Capital Invested and Added Value per Employee.—In the fifth column of the table on pages 16 to 21, particulars are given of the amount of capital invested per employee in each industry. The capital included relates to land, buildings, plant, and machinery, no information being available as to value of raw materials, stock, and other floating capital. The value of the capital invested per employee has an important bearing on the relation between rates of wages and added value inasmuch as a larger proportion of the added value is applied to payment of interest, depreciation, and other standing charges in those industries in which the capital invested per employee is large than in those in which it is small. This relation is apparently borne out by the figures in the table, which indicate broadly that, as the capital per employee increases, rates of wages and added value also increase, whereas the percentage of wages to added value decreases.

As regards individual States, the capital invested, total and per employee, is shewn in the following table, in which particulars are also given of the added value per employee and average rates of wages:—

Manufacturing Industries.—Capital Invested, Added Value and Rates of Wages, 1912.

Particulars.	Capital Invested.		Added Value per Employee.	Percentage of Added Value on Capital Invested per Employee.	Average Wages per Employee.
	Total.	Per Employee.			
	£ 000's omitted.	£	£	Per Cent.	£
New South Wales ..	28,561	257	216	84.1	114
Victoria ..	19,458	176	166	94.3	98
Queensland ..	8,967	217	191	88.0	106
South Australia ..	5,878	223	200	89.7	110
Western Australia ..	4,152	262	221	84.4	136
Tasmania ..	2,256	238	168	70.6	103
COMMONWEALTH ..	69,272	221	193	87.3	108

These figures shew that for an average capital investment of £221 per employee, the added value per employee is £193, of which the average wage (£108) forms 56.0 per cent. It may be seen that the

capital invested per employee is highest in Western Australia, followed closely by New South Wales and then by Tasmania, South Australia, and Queensland, with Victoria lowest. The correlation between the capital invested and added value per employee is further exemplified by the fact that the order of the States is the same in both instances, with the exception that in the former case Tasmania occupies the third place, as compared with fifth place in the latter. In other words, the results indicate that the added value is enhanced according as the expenditure on equipment increases. It is, however, significant to observe that the proportion of added value to capital invested is lowest in Victoria, the State in which expenditure per head on equipment is also lowest.

MANUFACTURING INDUSTRIES.—DISTRIBUTION OF WEEKLY WAGES

INDUSTRY.		Under 10s	10s—15s	15s—20s	20s—25s	25s—30s	30s—35s
I.—TREATING RAW MATERIAL, ETC.							
SUB-CLASS 1— <i>Boiling-down and Bone Mills.</i>							
	No. of Persons	1	3	4	5	14	32
	Percentage in each Group	0.13	0.38	0.50	0.63	1.76	4.04
	Average Wage	7/6	10/10	15/0	£1/1/7	£1/6/9	£1/10/6
2— <i>Tanneries.</i>							
	No. of Persons	..	32	81	60	81	83
	Percentage in each Group	..	1.35	3.42	2.53	3.42	3.50
	Average Wage	..	11/6	16/8	£1/1/0	£1/5/8	£1/10/9
3— <i>Fellmongeries.</i>							
	No. of Persons	..	2	13	32	30	115
	Percentage in each Group	..	0.09	0.60	1.47	1.38	5.28
	Average Wage	..	11/3	16/2	£1/2/10	£1/5/7	£1/10/9
4— <i>Chaff Cutting.</i>							
	No. of Persons	3	7	24	38	62	147
	Percentage in each Group	0.17	0.40	1.38	2.19	3.57	8.47
	Average Wage	6/8	11/10	15/3	£1/1/8	£1/5/3	£1/10/3
5— <i>Bark Mills.</i>							
	No. of Persons	..	..	..	1	..	10
	Percentage in each Group	..	..	..	0.71	..	7.09
	Average Wage	..	..	..	£1/4/0	..	£1/13/2
6— <i>Catgut, Sawage Casings.</i>							
	No. of Persons	..	..	11	19	8	44
	Percentage in each Group	..	..	3.00	5.18	2.18	11.99
	Average Wage	..	..	18/0	£1/2/4	£1/5/10	£1/12/1
TOTAL							
	No. of Persons	4	44	133	155	195	431
	Percentage in each Group	0.05	0.58	1.75	2.04	2.57	5.68
	Average Wage	6/10	11/6	16/5	£1/1/9	£1/5/7	£1/10/9
II.—OILS AND FATS.							
SUB-CLASS 1— <i>Oil, Grease, Glue.</i>							
	No. of Persons	1	5	12	19	17	17
	Percentage in each Group	0.29	1.44	3.46	5.48	4.90	4.90
	Average Wage	8/4	13/2	16/4	£1/1/6	£1/5/8	£1/10/2
2— <i>Soap, Candles.</i>							
	No. of Persons	9	85	87	64	57	53
	Percentage in each Group	0.67	6.29	6.44	4.74	4.22	3.92
	Average Wage	8/5	11/9	16/2	£1/1/4	£1/5/9	£1/10/5
TOTAL							
	No. of Persons	10	90	99	83	74	70
	Percentage in each Group	0.59	5.31	5.83	4.88	4.35	4.13
	Average Wage	8/4	11/10	16/2	£1/1/5	£1/5/9	£1/10/4
III.—STONE, CLAY, GLASS, ETC.							
SUB-CLASS 1— <i>Bricks, Pottery, etc.</i>							
	No. of Persons	10	63	107	127	101	179
	Percentage in each Group	0.14	0.91	1.54	1.83	1.46	2.59
	Average Wage	7/5	12/1	16/7	£1/1/6	£1/5/11	£1/11/6
2— <i>Glass Bottles.</i>							
	No. of Persons	5	24	70	109	150	224
	Percentage in each Group	0.29	1.38	4.03	6.28	8.64	12.88
	Average Wage	8/0	12/6	16/9	£1/0/6	£1/5/9	£1/10/6
3— <i>Glass Bevelling.</i>							
	No. of Persons	8	32	43	31	20	18
	Percentage in each Group	1.41	5.62	7.56	5.45	3.51	3.17
	Average Wage	7/7	11/3	15/10	£1/1/0	£1/5/9	£1/10/2
4— <i>Lime, Cement, Asphalt.</i>							
	No. of Persons	..	4	4	20	26	33
	Percentage in each Group	..	0.23	0.23	1.16	1.51	1.91
	Average Wage	..	12/6	17/1	£1/3/0	£1/6/0	£1/10/8
5— <i>Marble, Stone Dressing.</i>							
	No. of Persons	10	9	15	13	14	16
	Percentage in each Group	1.73	1.55	2.59	2.25	2.42	2.76
	Average Wage	7/2	11/1	15/11	£1/1/4	£1/5/6	£1/10/4
6— <i>Modelling.</i>							
	No. of Persons	1	10	10	11	7	15
	Percentage in each Group	0.38	3.78	3.78	4.15	2.64	5.66
	Average Wage	7/6	11/8	15/7	£1/1/6	£1/5/3	£1/10/5
7— <i>Minor Articles (n.e.i.)</i>							
	No. of Persons	..	..	..	..	..	..
	Percentage in each Group	..	..	..	..	..	..
	Average Wage	..	..	..	..	..	..
TOTAL							
	No. of Persons	34	142	249	311	318	485
	Percentage in each Group	0.28	1.21	2.12	2.64	2.69	4.11
	Average Wage	7/6	11/11	16/5	£1/1/2	£1/5/10	£1/10/11

DIX I.

OF MALE EMPLOYEES IN INDUSTRIAL CLASSES, NOVEMBER, 1912.

35s—40s	40s—45s	45s—50s	50s—55s	55s—60s	60s—65s	65s—70s	70s—75s	75s—80s	80s and over.	All Persons.	Sub-class
50 6.31 £1/16/4	64 8.07 £2/1/0	278 35.05 £2/6/4	163 20.55 £2/12/0	34 4.29 £2/15/8	63 7.94 £3/0/3	16 2.02 £3/5/6	6 0.76 £3/11/5	.. .. ..	60 7.57 £4/5/4	793 100.00 £2/10/0	1
73 3.08 £1/15/7	187 7.88 £2/1/6	885 37.33 £2/6/8	526 22.18 £2/11/2	160 6.75 £2/15/9	121 5.10 £3/0/2	32 1.35 £3/5/5	28 1.18 £3/10/3	5 0.21 £3/15/3	17 0.72 £4/13/8	2,371 100.00 £2/5/9	2
192 8.81 £1/17/2	356 16.33 £2/1/9	651 29.86 £2/6/9	411 18.85 £2/11/5	168 7.70 £2/16/0	82 3.76 £3/0/4	26 1.19 £3/6/1	38 1.74 £3/10/10	22 1.01 £3/18/2	42 1.93 £4/6/6	2,180 100.00 £2/7/3	3
75 4.32 £1/15/10	205 11.82 £2/1/5	730 42.08 £2/6/4	259 14.93 £2/11/1	45 2.59 £2/16/0	126 7.26 £3/0/3	6 0.35 £3/6/0	1 0.06 £3/12/0	5 0.29 £3/15/0	2 0.12 £4/0/0	1,735 100.00 £2/4/2	4
2 1.41 £1/19/0	32 22.70 £2/1/11	79 56.03 £2/7/7	14 9.94 £2/11/8	2 1.41 £2/17/0	1 0.71 £3/0/0	.. .. ..	.. .. ..	.. .. ..	.. .. ..	141 100.00 £2/7/0	5
15 4.09 £1/16/3	12 3.27 £2/1/8	71 19.34 £2/5/11	58 15.80 £2/11/1	91 24.79 £2/17/0	32 8.72 £3/0/0	.. .. ..	2 0.55 £3/10/0	.. .. ..	4 1.09 £4/7/6	367 10.000 £2/6/7	6
407 5.36 £1/16/6	856 11.28 £2/1/7	2,694 35.52 £2/6/7	1,431 18.86 £2/11/4	500 6.59 £2/16/1	425 5.61 £3/0/3	80 1.05 £3/5/8	75 0.99 £3/10/8	32 0.42 £3/17/2	125 1.65 £4/6/10	7,587 100.00 £2/6/4	
23 6.62 £1/16/0	27 7.78 £2/1/7	101 29.10 £2/5/9	30 8.65 £2/10/7	13 3.75 £2/15/11	34 9.79 £3/1/8	4 1.15 £3/6/5	41 11.82 £3/11/11	2 0.58 £3/15/0	1 0.29 £4/0/0	347 100.00 £2/6/1	1
37 2.74 £1/16/2	275 20.36 £2/1/4	326 24.13 £2/6/0	153 11.32 £2/11/0	36 2.66 £2/15/10	79 5.85 £3/0/10	42 3.11 £3/6/2	26 1.92 £3/10/6	9 0.67 £3/16/11	13 0.96 £4/3/3	1,351 100.00 £2/1/2	2
60 3.53 £1/16/1	302 17.78 £2/1/4	427 25.14 £2/5/11	183 10.77 £2/10/11	49 2.89 £2/15/10	113 6.65 £3/1/1	46 2.72 £3/6/2	67 3.95 £3/11/4	11 0.65 £3/16/7	14 0.83 £4/3/0	1,698 100.00 £2/2/2	
205 2.96 £1/16/3	446 6.45 £2/1/9	1,373 19.84 £2/7/3	1,438 20.77 £2/12/2	1,010 14.59 £2/16/8	772 11.15 £3/1/0	497 7.18 £3/6/2	354 5.11 £3/11/5	90 1.30 £3/16/5	151 2.18 £4/6/10	6,923 100.00 £2/12/4	1
232 13.36 £1/16/0	140 8.06 £2/1/0	75 4.32 £2/6/9	146 8.41 £2/12/3	62 3.57 £2/16/10	82 4.73 £3/0/8	34 1.96 £3/6/2	89 5.12 £3/10/7	27 1.55 £3/15/10	268 15.42 £4/7/7	1,737 100.00 £2/7/4	2
19 3.35 £1/16/0	12 2.11 £2/1/2	31 5.45 £2/6/11	46 8.07 £2/11/3	84 14.76 £2/16/6	157 27.58 £3/0/7	38 6.68 £3/5/11	15 2.64 £3/11/5	3 0.53 £3/16/4	12 2.11 £4/6/6	569 100.00 £2/7/3	3
38 2.20 £1/16/4	131 7.59 £2/1/8	543 31.44 £2/7/8	371 21.48 £2/12/5	132 7.64 £2/16/10	213 12.33 £3/0/7	49 2.84 £3/6/6	125 7.24 £3/10/7	28 1.62 £3/16/4	10 0.58 £4/12/10	1,727 100.00 £2/12/1	4
6 1.04 £1/15/6	28 4.82 £2/1/10	59 10.19 £2/7/6	58 10.02 £2/11/0	140 24.18 £2/17/10	119 20.55 £3/2/6	64 11.05 £3/6/9	14 2.42 £3/11/3	8 1.39 £3/18/0	6 1.04 £4/14/2	579 100.00 £2/13/0	5
22 8.30 £1/15/8	17 6.42 £2/0/11	49 18.49 £2/6/11	23 8.68 £2/12/7	6 2.26 £2/16/0	21 7.92 £3/0/3	25 9.43 £3/6/5	34 12.83 £3/11/11	5 1.88 £3/16/10	9 3.40 £4/5/7	265 100.00 £2/9/1	6
2 22.22 £1/16/0	.. .. ..	.. .. ..	4 44.44 £2/11/7	.. .. ..	3 33.34 £3/0/0	.. .. ..	.. .. ..	.. .. ..	.. .. ..	9 100.00 £2/10/11	7
524 4.44 £1/16/1	774 6.55 £2/1/7	2,130 18.03 £2/7/3	2,086 17.66 £2/12/2	1,434 12.15 £2/16/10	1,367 11.57 £3/1/0	707 5.98 £3/6/3	631 5.35 £3/11/2	161 1.36 £3/16/6	456 3.86 £4/7/6	11,809 100.00 £2/11/3	

Manufacturing Industries.—Distribution of Weekly Wages of

INDUSTRY.		Under 10s.	10s—15s	15s—20s	20s—25s	25s—30s	30s—35s
IV.—WORKING IN WOOD.							
SUB-CLASS 1— <i>Cooperage.</i>							
	No. of Persons	3	10	7	10	7	19
	Percentage in each Group	0.88	2.94	2.06	2.94	2.06	5.59
	Average Wage	7/8	11/10	15/7	£1/1/4	£1/6/1	£1/10/7
2— <i>Saw Milling, Joinery, etc.</i>	No. of Persons	267	510	514	566	526	600
	Percentage in each Group	1.04	1.99	2.00	2.21	2.05	2.34
	Average Wage	7/5	11/2	15/11	£1/0/10	£1/5/8	£1/10/8
3— <i>Wood Turning, etc.</i>	No. of Persons	9	40	28	18	27	21
	Percentage in each Group	2.30	10.23	7.15	4.60	6.91	5.39
	Average Wage	7/5	11/10	16/4	£1/1/2	£1/6/2	£1/10/8
4— <i>Minor Articles (n.e.t.)</i>	No. of Persons	..	3	5	13	4	7
	Percentage in each Group	..	2.48	4.13	10.74	3.30	5.79
	Average Wage	..	12/6	15/7	£1/0/9	£1/6/1	£1/10/4
TOTAL		279	563	554	607	564	647
	Percentage in each Group	1.05	2.12	2.09	2.29	2.13	2.44
	Average Wage	7/5	11/3	15/11	£1/0/10	£1/5/8	£1/10/8
V.—METAL WORKS, MACHINERY, ETC.							
SUB-CLASS 1— <i>Agricultural Implements.</i>							
	No. of Persons	54	128	165	156	95	124
	Percentage in each Group	1.50	3.56	4.59	4.34	2.64	3.45
	Average Wage	7/8	11/6	16/3	£1/1/8	£1/5/11	£1/10/9
2— <i>Brass, Copper Smithing.</i>	No. of Persons	67	150	109	97	54	78
	Percentage in each Group	4.81	10.76	7.82	6.96	3.87	5.60
	Average Wage	7/3	11/6	16/0	£1/1/0	£1/5/8	£1/10/3
3— <i>Cutlery.</i>	No. of Persons	1	4	4	1	2	3
	Percentage in each Group	1.04	4.17	4.17	1.04	2.08	3.12
	Average Wage	6/0	11/10	16/3	£1/0/0	£1/5/0	£1/10/10
4— <i>Engineering.</i>	No. of Persons	728	1,002	867	704	530	673
	Percentage in each Group	3.66	5.04	4.36	3.54	2.67	3.39
	Average Wage	6/9	11/6	16/2	£1/1/2	£1/6/0	£1/10/8
5— <i>Tinsmithing, Sheet Iron, etc.</i>	No. of Persons	116	356	349	304	253	234
	Percentage in each Group	2.41	7.40	7.25	6.32	5.26	4.86
	Average Wage	7/5	11/3	16/2	£1/1/1	£1/5/9	£1/10/7
6— <i>Lead, Shot, Zinc, etc.</i>	No. of Persons	..	..	3	..	..	12
	Percentage in each Group	..	..	1.48	..	..	5.92
	Average Wage	..	..	15/8	..	..	£1/11/9
7— <i>Cyanide.</i>	No. of Persons	..	..	1	10	1	29
	Percentage in each Group	..	..	0.13	1.31	0.13	3.79
	Average Wage	..	..	15/0	£1/0/5	£1/6/0	£1/10/10
8— <i>Smelting.</i>	No. of Persons	1	3	62	31	45	86
	Percentage in each Group	0.01	0.03	0.74	0.37	0.54	1.02
	Average Wage	5/0	10/8	17/9	£1/1/8	£1/6/0	£1/12/2
9— <i>Railway Workshops.</i>	No. of Persons	305	438	554	477	324	398
	Percentage in each Group	1.52	2.18	2.76	2.37	1.61	1.98
	Average Wage	7/4	11/8	16/6	£1/1/10	£1/6/6	£1/11/0
10— <i>Stoves, Ovens.</i>	No. of Persons	4	33	44	38	37	36
	Percentage in each Group	0.49	4.11	5.48	4.73	4.61	4.48
	Average Wage	8/7	12/1	16/3	£1/1/6	£1/6/3	£1/11/5
11— <i>Wire-working.</i>	No. of Persons	1	25	34	45	28	98
	Percentage in each Group	0.13	3.29	4.47	5.93	3.68	12.89
	Average Wage	8/0	11/6	16/6	£1/0/9	£1/6/1	£1/10/3
TOTAL		1,277	2,139	2,192	1,863	1,369	1,771
	Percentage in each Group	2.11	3.52	3.62	3.06	2.25	2.92
	Average Wage	7/0	11/6	16/4	£1/1/4	£1/6/1	£1/10/10

Males Employees in Industrial Classes, November 1912—continued.

35s—40s	40s—45s	45s—50s	50s—55s	55s—60s	60s—65s	65s—70s	70s—75s	75s—80s	80s and over.	All Persons.	Sub-Class
18 5.29 £1/15/10	19 5.59 £2/0/10	17 5.00 £2/6/3	28 8.24 £2/11/4	26 7.65 £2/15/6	54 15.88 £3/3/2	78 22.04 £3/6/8	12 3.53 £3/10/2	10 2.94 £3/15/11	22 6.47 £4/7/7	340 100.00 £2/14/4	1
488 1.90 £1/16/2	1,321 5.15 £2/1/9	6,557 25.58 £2/7/2	4,903 19.13 £2/12/7	1,319 5.14 £2/16/8	3,112 12.14 £3/0/7	2,610 10.18 £3/6/6	1,168 4.56 £3/11/9	563 2.20 £3/16/9	613 2.39 £4/7/4	25,637 100.00 £2/11/4	2
15 3.84 £1/16/1	21 5.39 £2/1/0	33 8.44 £2/6/5	43 10.99 £2/12/0	28 7.16 £2/15/9	58 14.82 £3/1/1	34 8.70 £3/6/2	6 1.53 £3/11/0	4 1.02 £3/16/3	6 1.53 £4/2/7	391 100.00 £2/2/2	3
7 5.79 £1/17/9	13 10.74 £2/1/1	33 27.27 £2/6/11	9 7.44 £2/12/0	6 4.96 £2/16/2	7 5.79 £3/0/10	11 9.09 £3/6/4	2 1.65 £3/11/0	1 0.83 £3/15/0	.. .. ..	121 100.00 £2/3/2	4
528 1.99 £1/16/2	1,374 5.19 £2/1/9	6,640 25.07 £2/7/2	4,983 18.81 £2/12/7	1,379 5.22 £2/16/8	3,231 12.20 £3/0/8	2,733 10.32 £3/6/6	1,188 4.48 £3/11/9	578 2.18 £3/16/9	641 2.42 £4/7/4	26,489 100.00 £2/11/3	
141 3.92 £1/16/4	153 4.25 £2/1/3	916 25.48 £2/7/10	449 12.48 £2/12/6	115 3.20 £2/16/5	765 21.27 £3/0/5	179 4.98 £3/6/3	110 3.06 £3/11/3	17 0.47 £3/16/6	29 0.81 £4/5/8	3,596 100.00 £2/6/11	1
26 1.87 £1/16/3	48 4.16 £2/1/8	83 5.95 £2/7/1	191 13.71 £2/13/3	112 8.03 £2/16/5	156 11.18 £3/0/5	124 8.90 £3/6/0	71 5.09 £3/11/3	6 0.43 £3/17/0	12 0.86 £4/6/0	1,394 100.00 £2/1/4	2
8 8.32 £1/16/9	10 10.42 £2/0/4	4 4.17 £2/6/6	15 15.63 £2/11/3	5 5.21 £2/15/11	22 22.92 £3/0/9	12 12.50 £3/6/0	4 4.17 £3/11/7	.. .. ..	1 1.04 £4/0/0	96 100.00 £2/9/0	3
606 3.05 £1/16/7	1,042 5.24 £2/1/11	3,539 17.81 £2/7/5	2,360 11.88 £2/11/11	695 3.50 £2/16/5	1,684 8.48 £3/0/6	2,874 14.47 £3/6/3	1,648 8.30 £3/11/4	445 2.24 £3/16/8	469 2.37 £4/9/8	19,866 100.00 £2/8/5	4
172 3.58 £1/15/10	238 4.95 £2/1/5	639 13.28 £2/7/0	667 13.86 £2/11/11	334 6.94 £2/16/2	594 12.35 £3/0/8	263 5.47 £3/6/2	189 3.93 £3/11/0	32 0.67 £3/15/10	71 1.47 £4/7/8	4,811 100.00 £2/2/9	5
6 2.95 £1/16/0	5 2.46 £2/2/0	9 4.43 £2/6/5	9 4.43 £2/10/11	101 49.75 £2/17/0	38 18.73 £3/2/6	14 6.90 £3/6/1	1 0.49 £3/10/0	5 2.46 £3/15/0	.. .. ..	203 100.00 £2/15/4	6
7 0.91 £1/16/0	228 29.77 £2/1/10	223 20.12 £2/6/5	144 18.80 £2/11/4	6 1.17 £2/15/9	32 4.18 £3/0/2	42 5.48 £3/6/2	25 3.26 £3/11/8	6 0.78 £3/17/5	9 1.17 £4/8/11	766 100.00 £2/8/2	7
155 1.85 £1/17/2	134 1.60 £2/1/7	705 8.39 £2/7/6	806 9.60 £2/12/10	1,362 16.22 £2/17/4	1,940 23.10 £3/1/9	758 9.03 £3/7/0	655 7.80 £3/11/1	496 5.91 £3/16/3	1,159 13.79 £4/17/11	8,398 100.00 £3/4/3	8
174 0.87 £1/16/8	263 1.31 £2/1/9	3,322 16.53 £2/7/1	3,281 16.33 £2/12/0	1,035 5.15 £2/17/0	2,593 12.90 £3/2/2	3,681 18.32 £3/6/7	2,199 10.94 £3/11/1	646 3.22 £3/16/6	403 2.01 £4/5/4	20,093 100.00 £2/14/7	9
25 3.11 £1/15/10	35 4.36 £2/1/4	70 8.72 £2/7/6	129 16.06 £2/12/8	122 15.20 £2/15/5	132 16.44 £3/0/7	49 6.10 £3/6/0	30 3.74 £3/11/3	8 1.00 £3/15/5	137 2.01 £4/5/5	803 100.00 £2/7/7	10
25 3.29 £1/15/10	39 5.13 £2/1/3	86 11.32 £2/7/5	120 15.79 £2/12/5	55 7.24 £2/15/3	44 5.79 £3/0/5	23 3.03 £3/6/1	25 3.29 £3/12/4	99 13.03 £3/15/1	13 1.70 £4/2/10	760 100.00 £2/7/3	11
1,345 2.22 £1/16/6	2,205 3.62 £2/1/9	9,596 15.78 £2/7/3	8,171 13.44 £2/12/1	3,945 6.49 £2/16/10	8,000 13.16 £3/1/4	8,019 13.19 £3/6/6	4,957 8.15 £3/11/2	1,760 2.89 £3/16/4	2,177 3.58 £4/13/1	60,786 100.00 £2/11/11	

Manufacturing Industries.—Distribution of Weekly Wages of

INDUSTRY.	Under 10s.	10s—15s	15s—20s	20s—25s	25s—30s	30s—35s
VI.—FOOD AND DRINK, ETC.						
SUB-CLASS 1— <i>Bacon.</i>						
No. of Persons .. ..	..	12	15	27	17	19
Percentage in each Group ..	..	1.51	1.89	3.40	2.14	2.39
Average Wage .. ..	..	11/8	16/4	£1/0/6	£1/6/0	£1/10/7
2— <i>Butter, Cheese.</i>						
No. of Persons	6	31	70	97	80	163
Percentage in each Group ..	0.23	1.21	2.73	3.79	3.13	6.37
Average Wage	6/3	11/4	16/0	£1/0/11	£1/5/11	£1/10/7
3— <i>Butterine, Margarine.</i>						
No. of Persons .. ..	..	..	3	1	2	4
Percentage in each Group ..	..	..	4.62	1.54	3.08	6.15
Average Wage .. ..	..	..	17/4	£1/4/0	£1/6/3	£1/11/1
4— <i>Meat Preserving, Freezing.</i>						
No. of Persons	6	33	86	105	129	96
Percentage in each Group ..	0.13	0.73	1.91	2.33	2.87	2.13
Average Wage	6/0	11/6	17/2	£1/2/4	£1/6/0	£1/11/0
5— <i>Biscuits.</i>						
No. of Persons	42	280	310	233	173	93
Percentage in each Group ..	1.73	11.55	12.78	9.61	7.13	3.84
Average Wage	8/1	12/6	16/8	£1/0/11	£1/5/8	£1/11/0
6— <i>Confectionery.</i>						
No. of Persons	27	108	121	81	97	61
Percentage in each Group ..	2.27	9.08	10.17	6.81	8.15	5.13
Average Wage	8/6	12/1	16/2	£1/0/10	£1/5/7	£1/10/9
7— <i>Oatmeal, Macaroni.</i>						
No. of Persons	4	12	24	30	13	20
Percentage in each Group ..	0.92	2.77	5.54	6.93	3.00	4.62
Average Wage	6/6	11/5	15/11	£1/1/5	£1/6/4	£1/10/4
8— <i>Flour Mills.</i>						
No. of Persons	1	12	42	52	40	145
Percentage in each Group ..	0.05	0.58	2.01	2.49	1.92	6.94
Average Wage	7/6	11/0	16/0	£1/1/2	£1/5/7	£1/10/3
9— <i>Jams, Pickles, and Sauces.</i>						
No. of Persons	3	76	160	148	82	151
Percentage in each Group ..	0.16	4.09	8.62	7.97	4.42	8.13
Average Wage	7/0	12/1	16/5	£1/1/4	£1/6/9	£1/10/9
10— <i>Sugar Mills.</i>						
No. of Persons	7	13	18	56	54	765
Percentage in each Group ..	0.16	0.29	0.41	1.26	1.21	17.25
Average Wage	8/1	12/0	16/3	£1/0/10	£1/5/10	£1/10/10
11— <i>Sugar Refineries.</i>						
No. of Persons	18	57	63	48	71	42
Percentage in each Group ..	1.08	3.43	3.79	2.88	4.27	2.52
Average Wage	6/10	12/3	16/9	£1/1/10	£1/6/8	£1/11/4
12— <i>Aerated Waters.</i>						
No. of Persons	30	136	269	187	194	273
Percentage in each Group ..	0.89	4.04	7.99	5.56	5.77	8.11
Average Wage	6/7	10/11	16/6	£1/1/1	£1/6/0	£1/10/10
13— <i>Breweries.</i>						
No. of Persons	4	15	58	96	153	206
Percentage in each Group ..	0.12	0.47	1.80	2.98	4.75	6.39
Average Wage	7/0	11/4	16/6	£1/1/0	£1/6/8	£1/11/3
14— <i>Condiments, Coffee, etc.</i>						
No. of Persons	2	91	65	46	47	29
Percentage in each Group ..	0.31	14.00	10.00	7.08	7.23	4.46
Average Wage	9/0	12/0	15/11	£1/1/2	£1/7/0	£1/10/7
15— <i>Distilleries.</i>						
No. of Persons .. ..	..	..	1	..	2	6
Percentage in each Group ..	..	..	0.73	..	1.46	4.38
Average Wage .. ..	..	..	18/4	..	£1/6/0	£1/10/0
16— <i>Malt.</i>						
No. of Persons .. ..	..	..	..	1	5	12
Percentage in each Group ..	..	..	..	0.37	1.83	4.40
Average Wage .. ..	..	..	..	£1/2/6	£1/5/8	£1/12/5
17— <i>Tobacco.</i>						
No. of Persons	5	32	99	118	24	53
Percentage in each Group ..	0.31	2.00	6.18	7.36	1.50	3.31
Average Wage	7/6	11/3	16/11	£1/1/4	£1/5/10	£1/10/2
18— <i>Salt.</i>						
No. of Persons .. ..	..	..	12	3	8	..
Percentage in each Group ..	..	..	4.80	1.20	3.20	..
Average Wage .. ..	..	..	17/8	£1/1/4	£1/6/3	..
TOTAL ..						
No. of Persons	155	908	1,416	1,329	1,191	2,138
Percentage in each Group ..	0.49	2.88	4.49	4.22	3.78	6.78
Average Wage	7/6	11/11	16/6	£1/1/2	£1/6/1	£1/10/10

Males Employees in Industrial Classes, November 1912—*continued.*

35s—40s	40s—45s	45s—50s	50s—55s	55s—60s	60s—65s	65s—70s	70s—75s	75s—80s	80s and over.	All Persons.	Sub-class
32 4.03 £1/15/10	33 4.15 £2/1/0	207 26.03 £2/6/11	121 15.22 £2/11/2	145 18.24 £2/16/11	93 11.68 £3/0/1	29 3.65 £3/5/2	16 2.01 £3/10/8	2 0.26 £3/15/0	27 3.40 £4/3/7	795 100.00 £2/9/10	1
199 7.77 £1/15/11	360 14.06 £2/1/2	480 18.76 £2/6/7	477 18.63 £2/11/2	146 5.70 £2/15/7	230 8.98 £3/0/3	104 4.07 £3/6/11	61 2.38 £3/10/3	14 0.55 £3/15/5	42 1.64 £4/4/7	2,560 100.00 £2/5/9	2
5 7.69 £1/16/2	4 6.15 £2/1/0	35 53.84 £2/5/9	3 4.62 £2/12/8	.. .. ..	6 9.23 £3/0/0	1 1.54 £3/6/0	.. .. ..	.. .. ..	1 1.54 £4/0/0	65 100.00 £2/4/1	3
146 3.25 £1/16/4	258 5.74 £2/1/4	1,009 22.45 £2/7/4	668 14.87 £2/12/1	404 8.99 £2/17/0	559 12.43 £3/0/7	257 5.72 £3/6/6	171 3.81 £3/10/11	102 2.27 £3/16/1	466 10.37 £5/9/6	4,495 100.00 £2/16/6	4
189 7.79 £1/15/5	278 11.46 £2/0/11	263 10.85 £2/6/2	333 9.61 £2/10/9	136 5.61 £2/16/5	106 4.37 £3/0/1	35 1.44 £3/5/7	24 0.99 £3/10/2	3 0.13 £3/15/0	27 1.11 £4/10/6	2,425 100.00 £1/14/7	5
52 4.37 £1/15/8	86 7.23 £2/1/5	90 7.56 £2/6/5	156 13.11 £2/12/6	61 5.12 £2/16/5	142 11.93 £3/0/5	47 3.95 £3/5/10	21 1.76 £3/10/5	10 0.84 £3/15/0	30 2.52 £4/8/5	1,190 100.00 £1/19/9	6
26 6.00 £1/15/10	100 23.10 £2/1/10	87 20.10 £2/5/11	49 11.32 £2/10/10	19 4.39 £2/15/4	34 7.85 £3/0/7	6 1.39 £3/5/10	3 0.69 £3/10/0	2 0.46 £3/15/0	4 0.92 £4/5/6	433 100.00 £2/1/6	7
38 1.82 £1/16/1	227 10.87 £2/1/5	683 32.78 £2/7/1	324 15.52 £2/11/7	105 5.03 £2/16/1	209 10.02 £3/0/4	70 3.36 £3/6/2	51 2.44 £3/10/5	17 0.81 £3/15/8	70 3.36 £4/9/3	2,086 100.00 £2/8/6	8
134 7.22 £1/16/0	241 12.98 £2/1/10	507 27.30 £2/6/0	219 11.79 £2/10/10	36 1.94 £2/15/9	48 2.58 £3/0/3	18 0.97 £3/5/8	19 1.02 £3/10/10	2 0.11 £3/15/0	13 0.70 £4/13/1	1,857 100.00 £1/18/7	9
311 7.01 £1/16/3	964 21.74 £2/2/2	691 15.59 £2/6/10	519 11.71 £2/11/6	300 6.77 £2/16/9	281 6.34 £3/2/0	113 2.55 £3/6/3	123 2.77 £3/11/8	55 1.24 £3/17/2	164 3.70 £4/9/7	4,434 100.00 £2/6/9	10
22 1.32 £1/17/11	171 10.28 £2/2/5	460 27.65 £2/7/2	224 13.46 £2/11/11	66 3.97 £2/16/11	135 8.11 £3/1/11	124 7.45 £3/6/5	100 6.01 £3/11/4	20 1.20 £3/16/10	43 2.58 £4/10/8	1,664 100.00 £2/8/4	11
250 7.43 £1/17/7	360 10.71 £2/0/11	504 14.98 £2/6/1	749 22.26 £2/10/7	135 4.01 £2/15/3	153 4.55 £3/0/4	27 0.80 £3/6/6	51 1.50 £3/10/3	6 0.18 £3/15/0	41 1.22 £4/6/8	3,365 100.00 £2/0/1	12
104 3.23 £1/15/10	274 8.50 £2/0/10	294 9.12 £2/6/8	1,014 31.48 £2/11/10	339 10.52 £2/15/6	210 6.52 £3/0/8	174 5.40 £3/6/0	103 3.19 £3/11/1	34 1.06 £3/15/11	144 4.47 £4/8/11	3,222 100.00 £2/9/10	13
35 5.38 £1/15/3	70 10.77 £2/1/7	116 17.85 £2/6/6	61 9.38 £2/11/3	33 5.08 £2/15/6	28 4.31 £3/0/4	11 1.69 £3/5/4	8 1.23 £3/10/4	1 0.15 £3/15/0	7 1.08 £4/2/7	650 100.00 £1/16/0	14
5 3.65 £1/16/2	17 12.41 £2/1/4	32 23.36 £2/7/2	21 15.33 £2/11/9	8 5.84 £2/16/5	21 15.33 £3/0/8	13 9.49 £3/6/1	7 5.10 £3/10/5	.. .. ..	4 2.92 £4/2/1	137 100.00 £2/12/1	15
10 3.66 £1/16/0	24 8.79 £2/2/1	27 9.89 £2/6/10	153 56.04 £2/13/9	14 5.13 £2/15/9	10 3.66 £3/0/11	9 3.30 £3/6/0	5 1.83 £3/10/5	2 0.73 £3/15/0	1 0.37 £4/0/0	273 100.00 £2/11/2	16
21 1.31 £1/16/1	46 2.87 £2/0/4	98 6.11 £2/7/0	210 13.10 £2/11/0	164 10.23 £2/17/4	289 18.03 £3/0/9	234 14.60 £3/6/10	35 2.18 £3/10/9	14 0.87 £3/15/2	161 10.04 £4/4/1	1,603 100.00 £2/12/8	17
2 0.80 £1/16/0	.. .. ..	35 14.00 £2/6/4	142 56.80 £2/13/10	2 0.80 £2/16/0	36 14.40 £5/0/0	8 3.20 £3/6/0	1 0.40 £3/10/0	.. .. ..	1 0.40 £4/0/0	250 100.00 £2/11/1	18
1,581 5.03 £1/16/3	3,513 11.15 £2/1/6	5,618 17.83 £2/6/9	5,343 16.96 £2/11/7	2,113 6.72 £2/16/4	2,590 8.23 £3/0/8	1,280 4.06 £3/6/4	799 2.53 £3/10/11	284 0.90 £3/16/1	1,246 3.95 £4/15/9	31,504 100.00 £2/6/4	

Manufacturing Industries.—Distribution of Weekly Wages of

INDUSTRY.		Under 10s.	10s—15s	15s—20s	20s—25s	25s—30s	30s—35s
VII.—CLOTHING AND TEXTILE FABRICS, ETC.							
SUB-CLASS 1— <i>Woollen Cloth.</i>							
	No. of Persons	64	128	81	101	68	62
	Percentage in each Group	5.34	10.68	6.76	8.43	5.67	5.18
	Average Wage	8/3	12/1	16/9	£1/0/11	£1/5/10	£1/11/2
2— <i>Boots and Shoes.</i>							
	No. of Persons	116	407	295	215	268	276
	Percentage in each Group	1.56	5.44	3.94	2.87	3.58	3.69
	Average Wage	7/7	11/8	16/9	£1/1/7	£1/6/2	£1/10/10
3— <i>Clothing and Factories.</i>							
	No. of Persons	249	291	247	226	200	229
	Percentage in each Group	4.53	5.30	4.49	4.11	3.64	4.17
	Average Wage	5/11	11/2	15/11	£1/0/9	£1/5/8	£1/10/9
4— <i>Dressmaking.</i>							
	No. of Persons	12	26	26	16	13	19
	Percentage in each Group	2.59	5.60	5.60	3.45	2.80	4.09
	Average Wage	5/11	11/8	15/11	£1/0/6	£1/5/3	£1/10/6
5— <i>Dyeworks.</i>							
	No. of Persons	2	1	6	7	5	3
	Percentage in each Group	1.87	0.94	5.61	6.54	4.67	2.80
	Average Wage	5/0	13/0	15/0	£1/2/3	£1/5/7	£1/10/0
6— <i>Furrier.</i>							
	No. of Persons	..	3	5	1	6	3
	Percentage in each Group	..	5.08	8.47	1.70	10.17	5.08
	Average Wage	..	10/10	16/5	£1/2/6	£1/5/9	£1/10/0
7— <i>Caps and Hats.</i>							
	No. of Persons	5	82	74	69	51	47
	Percentage in each Group	0.47	7.69	6.94	6.47	4.78	4.41
	Average Wage	7/10	11/11	16/1	£1/0/7	£1/6/0	£1/10/8
8— <i>Waterproof Oilskins.</i>							
	No. of Persons	..	8	2	3	5	3
	Percentage in each Group	..	6.78	1.70	2.54	4.24	2.54
	Average Wage	..	10/11	16/3	£1/0/10	£1/6/0	£1/10/10
9— <i>Hosiery.</i>							
	No. of Persons	6	48	42	48	22	27
	Percentage in each Group	1.17	9.39	8.22	9.39	4.31	5.28
	Average Wage	7/1	11/2	15/10	£1/0/10	£1/5/11	£1/10/3
10— <i>Bags, Sacks, Mats, Rope Twine.</i>							
	No. of Persons	..	65	62	71	61	47
	Percentage in each Group	..	10.06	9.60	11.00	9.44	7.28
	Average Wage	..	12/3	16/7	£1/1/6	£1/6/4	£1/10/11
11— <i>Sails, Tents, Tarpaulins.</i>							
	No. of Persons	1	21	22	12	10	18
	Percentage in each Group	0.37	7.87	8.24	4.49	3.75	6.74
	Average Wage	9/0	11/1	15/7	£1/0/10	£1/6/0	£1/10/7
12— <i>Corsets, Ostrich Feathers.</i>							
	No. of Persons	..	..	2	3	..	2
	Percentage in each Group	..	..	12.50	18.75	..	12.50
	Average Wage	..	..	16/3	£1/0/0	..	£1/10/0
TOTAL							
	No. of Persons	455	1,080	864	772	709	736
	Percentage in each Group	2.68	6.19	4.96	4.42	4.07	4.21
	Average Wage	6/8	11/7	16/4	£1/1/1	£1/5/11	£1/10/10
VIII.—BOOKS, PAPER, PRINTING, ETC.							
SUB-CLASS 1— <i>Printing, Electro., Stereos.</i>							
	No. of Persons	536	1,249	796	590	516	417
	Percentage in each Group	4.21	9.81	6.25	4.63	4.05	3.27
	Average Wage	7/1	11/2	16/1	£1/0/11	£1/6/3	£1/10/5
2— <i>Paper, Paper Bags and Boxes.</i>							
	No. of Persons	8	58	26	22	24	15
	Percentage in each Group	1.62	11.76	5.27	4.46	4.87	3.04
	Average Wage	7/10	11/7	16/11	£1/0/10	£1/5/6	£1/11/3
3— <i>Photo. Engraving, Lithography.</i>							
	No. of Persons	8	37	23	20	17	11
	Percentage in each Group	2.87	13.26	8.24	7.17	6.09	3.94
	Average Wage	6/10	11/3	15/8	£1/0/5	£1/5/10	£1/10/0
4— <i>Die Sinking, Ink, Printer's Ink.</i>							
	No. of Persons	2	32	28	19	14	12
	Percentage in each Group	0.80	12.80	11.20	7.60	5.60	4.80
	Average Wage	6/3	11/4	15/11	£1/0/4	£1/5/11	£1/10/2
TOTAL							
	No. of Persons	554	1,376	873	651	571	455
	Percentage in each Group	4.03	10.00	6.34	4.74	4.16	3.31
	Average Wage	7/1	11/3	16/1	£1/0/10	£1/6/3	£1/10/5

Male Employees in Industrial Classes, November 1912—continued.

35s—40s	40s—45s	45s—50s	50s—55s	55s—60s	60s—65s	65s—70s	70s—75s	75s—80s	80s and over.	All Persons.	Sub Class
51 4.28 £1/16/1	347 28.96 £2/2/0	83 6.93 £2/6/0	89 7.42 £2/10/10	19 1.59 £2/15/8	60 5.01 £3/0/3	11 0.92 £3/5/8	16 1.33 £3/10/3	8 0.67 £3/15/6	10 0.83 £4/6/0	1,198 100.00 £1/15/0	1
195 2.61 £1/15/8	220 2.94 £2/1/1	169 2.26 £2/5/11	2,837 37.93 £2/13/8	1,571 21.00 £2/16/10	593 7.93 £3/0/4	146 1.95 £3/5/6	112 1.50 £3/10/4	21 0.28 £3/15/1	39 0.52 £4/6/11	7,480 100.00 £2/7/4	2
161 2.93 £1/15/10	248 4.54 £2/0/9	259 4.71 £2/5/8	552 10.05 £2/10/8	567 10.32 £2/15/5	966 17.57 £3/0/4	310 5.64 £3/5/6	368 6.69 £3/10/3	122 2.22 £3/15/8	500 9.09 £4/14/3	5,495 100.00 £2/9/9	3
9 1.94 £1/15/7	31 6.68 £2/0/9	22 4.74 £2/5/11	61 13.15 £2/10/6	31 6.68 £2/15/8	83 17.89 £3/1/1	36 7.76 £3/5/1	27 5.82 £3/10/3	7 1.51 £3/15/3	45 9.70 £4/13/7	464 100.00 £2/10/7	4
5 4.67 £1/15/6	18 16.82 £2/0/8	16 14.95 £2/6/4	19 17.77 £2/10/6	3 2.80 £2/15/0	16 14.95 £3/0/2	2 1.87 £3/5/0	2 1.87 £3/10/0	.. .. ..	2 1.87 £4/0/0	107 100.00 £2/3/6	5
3 5.08 £1/15/10	12 20.34 £2/0/3	3 5.08 £2/7/0	5 8.47 £2/11/7	1 1.70 £2/15/0	6 10.17 £3/0/0	1 1.70 £3/7/6	5 8.47 £3/10/0	1 1.70 £3/15/0	4 6.79 £4/17/6	59 100.00 £2/5/3	6
59 5.53 £1/15/7	57 5.35 £2/0/8	66 6.19 £2/5/11	91 8.54 £2/11/6	57 5.35 £2/15/4	120 11.26 £3/0/3	17 1.59 £3/6/2	29 2.72 £3/11/3	5 0.47 £3/15/2	237 22.24 £4/9/8	1,066 100.00 £2/10/5	7
8 6.78 £1/15/7	12 10.17 £2/0/2	5 4.24 £2/6/8	14 11.86 £2/10/6	7 5.93 £2/15/0	23 19.49 £3/0/1	6 5.08 £3/5/5	16 13.56 £3/10/2	1 0.85 £3/15/0	5 4.24 £5/0/0	118 100.00 £2/10/7	8
28 5.48 £1/15/9	40 7.83 £2/0/9	34 6.65 £2/5/9	37 7.24 £2/10/6	40 7.83 £2/15/6	49 9.59 £3/0/2	30 5.87 £3/5/9	17 3.34 £3/10/2	6 1.17 £3/15/5	37 7.24 £4/6/10	511 100.00 £2/2/5	9
29 4.49 £1/16/0	117 18.11 £2/1/11	92 14.24 £2/6/9	28 4.33 £2/11/2	16 2.48 £2/15/8	26 4.02 £3/0/8	12 1.86 £3/5/11	11 1.70 £3/10/2	2 0.31 £3/16/3	7 1.08 £4/11/6	646 100.00 £1/15/6	10
6 2.25 £1/15/10	16 5.99 £2/0/5	38 14.23 £2/7/1	42 15.73 £2/11/5	13 4.87 £2/15/9	52 19.48 £3/0/1	8 3.00 £3/5/7	5 1.87 £3/10/0	2 0.75 £3/16/3	1 0.37 £5/0/0	267 100.00 £2/2/10	11
..	3 18.75 £2/1/4	3 18.75 £2/5/0	.. .. ..	1 6.25 £2/15/0	1 6.25 £3/0/0	.. .. ..	1 6.25 £3/10/0	.. .. ..	.. .. ..	16 100.00 £1/17/3	12
554 3.17 £1/15/9	1,121 6.42 £2/1/3	790 4.53 £2/6/0	3,775 21.66 £2/13/0	2,326 13.35 £2/16/5	1,995 11.45 £3/0/4	579 3.31 £3/5/6	609 3.49 £3/10/4	175 1.00 £3/15/7	887 5.09 £4/12/3	17,427 100.00 £2/6/10	
268 2.10 £1/15/7	448 3.52 £2/0/10	667 5.24 £2/6/7	681 5.35 £2/11/3	689 5.41 £2/16/0	2,940 23.15 £3/0/7	888 6.97 £3/5/11	580 4.55 £3/10/9	250 1.96 £3/15/9	1,214 9.53 £4/14/11	12,738 100.00 £2/8/2	1
21 4.26 £1/15/10	51 10.34 £2/1/0	66 13.39 £2/6/3	22 4.46 £2/11/2	55 11.16 £2/16/6	83 16.84 £3/0/8	24 4.87 £3/5/9	10 2.03 £3/11/6	2 0.41 £3/15/0	6 1.22 £4/7/6	493 100.00 £2/2/3	2
2 0.72 £1/15/0	8 2.87 £2/1/0	4 1.43 £2/7/1	18 6.45 £2/11/2	24 8.60 £2/15/8	42 15.06 £3/0/9	9 3.23 £3/6/5	19 6.81 £3/10/7	7 2.51 £3/15/0	30 10.75 £4/8/4	279 100.00 £2/4/10	3
13 5.20 £1/15/3	8 3.20 £2/0/0	11 4.40 £2/6/8	34 13.60 £2/11/5	14 5.60 £2/15/8	21 8.40 £3/0/8	10 4.00 £3/5/2	11 4.40 £3/10/0	10 4.00 £3/15/3	11 4.40 £4/6/4	250 100.00 £2/0/7	4
304 2.22 £1/15/7	515 3.74 £2/0/10	748 5.44 £2/6/7	755 5.48 £2/11/3	782 5.68 £2/16/0	3,095 22.49 £3/0/7	931 6.76 £3/5/11	620 4.50 £3/10/9	269 1.95 £3/15/9	1,261 9.16 £4/14/8	13,760 100.00 £2/7/9	

Manufacturing Industries.—Distribution of Weekly Wages of

INDUSTRY.		Under 10s.	10s—15s	15s—20s	20s—25s	25s—30s	30s—35s
IX.—MUSICAL INSTRUMENTS.							
	No. of Persons	11	27	33	17	21	14
	Percentage in each Group	2.14	5.25	6.42	3.30	4.08	2.72
	Average Wage	7/5	10/7	15/10	£1/1/0	£ 1/5/4	£1/10/2
X.—ARMS, EXPLOSIVES, ETC.							
	No. of Persons	..	17	17	14	14	33
	Percentage in each Group	..	3.56	3.56	2.93	2.93	6.90
	Average Wage	..	11/10	16/9	£1/2/6	£1/6/4	£1/10/11
XI.—VEHICLES, SADDLERY, HARNESS, etc.							
SUB-CLASS 1—Coaches, Waggon, Carriage Lamps.							
	No. of Persons	373	517	459	392	282	338
	Percentage in each Group	5.78	8.00	7.11	6.07	4.37	5.23
	Average Wage	6/8	10/10	15/8	£1/0/5	£1/5/8	£1/10/4
2—Cycles.							
	No. of Persons	205	204	157	121	117	100
	Percentage in each Group	7.88	7.84	6.04	4.65	4.50	3.84
	Average Wage	6/9	11/3	15/9	£1/0/8	£1/5/6	£1/10/5
3—Perambulators.							
	No. of Persons	6	15	10	16	11	12
	Percentage in each Group	3.45	8.62	5.75	9.20	6.32	6.90
	Average Wage	7/8	10/11	16/3	£1/1/9	£1/5/10	£1/10/8
4—Saddlery, Harness, Whips.							
	No. of Persons	123	163	118	63	60	45
	Percentage in each Group	6.14	8.13	5.89	3.14	2.99	2.25
	Average Wage	7/0	11/1	15/11	£1/0/11	£1/5/5	£1/10/10
TOTAL		707	899	744	592	470	495
	Percentage in each Group	6.29	8.00	6.63	5.26	4.18	4.41
	Average Wage	6/9	11/0	15/9	£1/0/7	£1/5/7	£1/10/5
XII.—SHIP AND BOAT BUILDING.							
SUB-CLASS 1—Docks and Slips.							
	No. of Persons	25	66	35	23	31	15
	Percentage in each Group	1.14	3.02	1.60	1.05	1.42	0.69
	Average Wage	6/1	11/10	15/11	£1/0/2	£1/5/5	£1/10/10
2—Ship Building.							
	No. of Persons	29	55	25	35	22	39
	Percentage in each Group	3.05	5.78	2.63	3.68	2.31	4.10
	Average Wage	6/6	11/8	16/3	£1/1/1	£1/5/6	£1/10/10
TOTAL		54	121	60	58	53	54
	Percentage in each Group	1.72	3.85	1.91	1.85	1.69	1.72
	Average Wage	6/4	11/9	16/0	£1/0/9	£1/5/5	£1/10/10
XIII.—FURNITURE, BEDDING, ETC.							
SUB-CLASS 1—Bedding, Upholstery, etc.							
	No. of Persons	36	69	58	31	40	64
	Percentage in each Group	3.61	6.92	5.82	3.11	4.01	6.42
	Average Wage	7/9	11/4	15/11	£1/0/11	£1/5/11	£1/10/7
2—Furniture, Billiard Tables, Cabinet Makers.							
	No. of Persons	231	442	348	223	168	161
	Percentage in each Group	3.47	6.63	5.22	3.35	2.52	2.42
	Average Wage	7/4	11/0	16/3	£1/0/11	£1/5/9	£1/10/6
3—Picture Framing.							
	No. of Persons	14	50	41	24	20	21
	Percentage in each Group	3.02	10.78	8.84	5.17	4.31	4.53
	Average Wage	7/4	11/2	15/8	£1/0/6	£1/6/1	£1/10/7
4—Venetian Blinds.							
	No. of Persons	1	7	5	5	9	3
	Percentage in each Group	1.04	7.29	5.21	5.21	9.37	3.13
	Average Wage	7/6	11/0	15/5	£1/1/5	£1/6/1	£1/10/0
TOTAL		282	568	452	283	237	249
	Percentage in each Group	3.43	6.92	5.50	3.44	2.88	3.03
	Average Wage	7/5	11/0	16/1	£1/0/11	£1/5/10	£1/10/7

Male Employees in Industrial Classes, November 1912.—*continued.*

35s—40s	40s—45s	45s—50s	50s—55s	55s—60s	60s—65s	65s—70s	70s—75s	75s—80s	80s and over.	All Persons.	Sub-class
10 1.94 £1/15/0	14 2.72 £2/0/2	21 4.09 £2/6/5	48 9.34 £2/10/8	19 3.71 £2/16/8	89 17.32 £3/1/5	71 13.82 £3/6/2	48 9.34 £3/11/1	28 5.45 £3/15/9	43 8.36 £4/5/2	514 100.00 £2/12/5	1
1 0.22 £1/15/0	19 3.97 £2/0/7	15 3.13 £2/7/0	185 38.70 £2/12/7	26 5.44 £2/16/11	23 4.82 £3/1/0	15 3.13 £3/6/6	37 7.74 £3/11/4	37 7.74 £3/17/3	25 5.23 £4/4/6	478 100.00 £2/12/2	1
175 2.71 £1/15/8	388 6.01 £2/1/0	391 6.05 £2/6/6	370 5.73 £2/11/9	508 7.86 £2/16/0	1,516 23.47 £3/0/4	381 5.90 £3/5/9	205 3.17 £3/10/11	51 0.79 £3/16/3	113 1.75 £4/5/1	6,459 100.00 £2/2/4	1
70 2.69 £1/15/6	129 4.96 £2/0/10	211 6.90 £2/6/7	232 8.92 £2/11/4	96 3.69 £2/15/9	307 11.81 £3/0/7	311 11.96 £3/6/6	263 10.11 £3/10/10	30 1.15 £3/15/5	48 1.85 £4/5/11	2,601 100.00 £2/3/9	2
11 6.32 £1/16/2	11 6.32 £2/0/10	12 6.90 £2/6/11	21 12.07 £2/11/2	36 20.69 £2/16/8	8 4.60 £3/1/5	3 1.72 £3/5/4	1 0.57 £3/10/0	.. .. ..	1 0.57 £4/0/0	174 100.00 £1/18/8	3
48 2.40 £1/15/4	69 3.44 £2/0/8	88 4.39 £2/6/3	566 28.25 £2/13/4	199 9.93 £2/16/4	299 14.92 £3/0/2	57 2.84 £3/5/3	57 2.84 £3/10/2	23 1.15 £3/15/3	26 1.30 £4/5/4	2,004 100.00 £2/4/1	4
304 2.71 £1/15/7	597 5.32 £2/0/11	702 6.25 £2/6/6	1,189 10.58 £2/12/5	839 7.46 £2/16/1	2,130 18.95 £3/0/4	752 6.69 £3/6/0	526 4.68 £3/10/9	104 0.92 £3/15/9	188 1.67 £4/5/4	11,238 100.00 £2/2/11	
13 0.59 £1/18/0	41 1.87 £2/3/4	90 4.11 £2/7/9	643 29.37 £2/13/6	144 6.58 £2/16/5	326 14.89 £3/1/1	160 7.31 £3/7/0	429 19.60 £3/11/6	118 5.39 £3/16/8	30 1.37 £4/4/2	2,189 100.00 £2/17/2	1
17 1.79 £1/16/0	31 3.25 £2/1/6	110 11.55 £2/7/7	148 15.54 £2/12/1	11 1.16 £2/16/8	50 5.25 £3/0/1	136 14.29 £3/6/1	190 19.95 £3/11/7	41 4.30 £3/16/6	13 1.37 £4/2/10	952 100.00 £2/11/6	2
30 0.96 £1/16/10	72 2.29 £2/2/7	200 6.36 £2/7/8	791 25.18 £2/13/3	155 4.93 £2/16/5	376 11.97 £3/1/0	296 9.42 £3/6/7	619 19.72 £3/11/6	159 5.06 £3/16/7	43 1.37 £4/3/9	3,141 100.00 £2/15/5	
31 3.11 £1/15/5	58 5.82 £2/1/1	49 4.91 £2/6/2	49 4.91 £2/10/10	73 7.32 £2/16/2	331 33.21 £3/1/0	65 6.52 £3/5/8	28 2.81 £3/10/7	4 0.40 £3/15/6	11 1.10 £4/4/1	997 100.00 £2/5/9	1
164 2.46 £1/15/10	158 2.37 £2/0/10	335 5.03 £2/6/9	436 6.54 £2/11/7	626 9.39 £2/16/2	2,043 30.65 £3/0/11	765 11.47 £3/6/3	331 4.97 £3/10/5	96 1.44 £3/15/11	138 2.07 £4/7/1	6,665 100.00 £2/9/5	2
21 4.53 £1/16/2	21 4.53 £2/1/2	41 8.84 £2/6/5	75 16.16 £2/10/4	15 3.23 £2/15/2	69 14.86 £3/0/7	32 6.89 £3/5/4	13 2.80 £3/10/0	2 0.43 £3/15/0	5 1.08 £4/4/0	464 100.00 £2/0/7	3
10 10.42 £1/15/11	9 9.37 £2/0/10	13 13.54 £2/6/8	27 28.13 £2/10/8	6 6.25 £2/16/8	1 1.04 £3/0/0	.. .. ..	.. .. ..	.. .. ..	.. .. ..	96 100.00 1/18/6	4
226 2.75 £1/15/10	246 2.99 £2/0/11	438 5.33 £2/6/8	587 7.14 £2/11/4	720 8.76 £2/16/2	2,444 29.72 £3/0/11	862 10.48 £3/6/2	372 4.52 £3/10/5	102 1.24 £3/15/11	154 1.87 £4/6/9	8,222 100.00 £2/8/4	

Manufacturing Industries.—Distribution of Weekly Wages of

INDUSTRY	Under 10s.	10s—15s	15s—20s	20s—25s	25s—30s	30s—35s
XIV.—DRUGS AND CHEMICALS.						
SUB-CLASS 1— <i>Chemical Works.</i>						
No. of Persons	2	27	51	28	40	64
Percentage in each Group	0.15	2.06	3.89	2.14	3.05	4.89
Average Wage	7/6	12/2	16/2	£1/1/1	£1/5/6	£1/10/6
2— <i>Fertilizers.</i>						
No. of Persons .. ..	..	2	8	1	7	10
Percentage in each Group .. ..	..	0.53	2.12	0.26	1.85	2.65
Average Wage .. ..	..	11/0	15/4	£1/0/0	£1/6/2	£1/11/9
3— <i>Paint, Varnish, White Lead.</i>						
No. of Persons .. ..	..	4	8	9	9	13
Percentage in each Group .. ..	..	2.98	5.97	6.72	6.72	9.70
Average Wage .. ..	..	11/9	16/0	£1/1/1	£1/6/1	£1/10/11
4— <i>Essential Oils.</i>						
No. of Persons .. ..	..	5	8	7	4	9
Percentage in each Group .. ..	..	4.13	6.61	5.79	3.31	7.44
Average Wage .. ..	..	10/5	16/0	£1/0/7	£1/6/3	£1/10/7
5— <i>Blacking, Blue.</i>						
No. of Persons	2	29	37	42	16	19
Percentage in each Group	0.56	8.17	10.42	11.83	4.51	5.35
Average Wage	8/6	11/10	16/4	£1/0/5	£1/5/9	£1/11/5
TOTAL ..						
No. of Persons	4	67	112	87	76	115
Percentage in each Group	0.18	2.91	4.87	3.79	3.32	5.00
Average Wage	8/0	11/10	16/1	£1/0/8	£1/5/9	£1/10/9
XV.—SURGICAL AND OTHER SCIENTIFIC INSTRUMENTS.						
No. of Persons	4	22	12	15	6	10
Percentage in each Group	2.47	13.58	7.42	9.26	3.70	6.17
Average Wage	6/10	10/11	15/6	£1/0/3	£1/5/0	£1/10/3
XVI.—TIMEPIECES, JEWELLERY AND PLATED WARE.						
SUB-CLASS 1— <i>Electroplating.</i>						
No. of Persons	9	31	23	12	8	12
Percentage in each Group	3.12	10.76	7.99	4.17	2.78	4.17
Average Wage	6/11	11/8	16/1	£1/0/5	£1/5/7	£1/10/0
2— <i>Jewellery.</i>						
No. of Persons	93	118	82	91	27	46
Percentage in each Group	6.57	8.34	5.80	6.43	1.91	3.25
Average Wage	6/11	10/9	15/5	£1/0/8	£1/5/8	£1/10/3
TOTAL ..						
No. of Persons	102	149	105	103	35	58
Percentage in each Group	5.99	8.75	6.17	6.05	2.05	3.40
Average Wage	6/11	11/0	15/7	£1/0/7	£1/5/8	£1/10/2
XVII.—HEAT, LIGHT AND POWER.						
SUB-CLASS 1— <i>Electric Apparatus.</i>						
No. of Persons	87	56	42	39	22	32
Percentage in each Group	12.57	8.09	6.07	5.64	3.18	4.62
Average Wage	5/4	11/4	16/0	£1/0/5	£1/6/9	£1/10/2
2— <i>Electric Light.</i>						
No. of Persons	21	37	38	34	37	55
Percentage in each Group	0.95	1.67	1.72	1.54	1.67	2.49
Average Wage	5/10	10/7	16/3	£1/1/0	£1/6/0	£1/11/0
3— <i>Gas, Coke.</i>						
No. of Persons	10	27	84	43	58	140
Percentage in each Group	0.22	0.59	1.84	0.94	1.27	3.07
Average Wage	6/11	10/9	15/3	£1/1/6	£1/6/4	£1/11/0
4— <i>Lamp-makers.</i>						
No. of Persons .. ..	..	..	..	3	1	..
Percentage in each Group .. ..	..	..	..	10.34	3.45	..
Average Wage .. ..	..	..	..	£1/0/0	£1/5/0	..
5— <i>Hydraulic Power.</i>						
No. of Persons .. ..	..	1	..	..	1	..
Percentage in each Group .. ..	..	3.45	..	..	3.45	..
Average Wage .. ..	..	13/0	..	..	£1/8/0	..
6— <i>Minor Articles (n.e.i.).</i>						
No. of Persons .. ..	..	..	4	1	..	3
Percentage in each Group .. ..	..	..	6.55	1.64	..	4.92
Average Wage .. ..	..	..	17/6	£1/2/6	..	£1/10/8
TOTAL ..						
No. of Persons	118	121	168	120	119	230
Percentage in each Group	1.56	1.61	1.58	1.57	1.57	3.04
Average Wage	5/7	11/0	15/9	£1/0/11	£1/6/4	£1/10/11

Male Employees in Industrial Classes, November 1912—continued.

35s—40s	40s—45s	45s—50s	50s—55s	55s—60s	60s—65s	65s—70s	70s—75s	75s—80s	80s and over.	All Persons.	Sub-class
80	55	462	183	33	114	95	38	19	19	1,310	1
6.11	4.20	35.28	13.96	2.52	8.70	7.25	2.90	1.45	1.45	100.00	
£1/16/3	£2/1/0	£2/7/9	£2/11/10	£2/16/9	£3/1/8	£3/6/3	£3/11/7	£3/16/4	£4/7/1	£2/7/8	
15	2	89	149	6	51	17	10	7	4	378	2
3.97	0.53	23.54	39.42	1.59	13.49	4.50	2.65	1.85	1.05	100.00	
£1/16/5	£2/2/0	£2/8/0	£2/12/7	£2/16/4	£3/1/4	£3/6/4	£3/11/10	£3/16/8	£4/7/6	£2/11/10	
9	10	33	8	4	8	6	6	2	5	134	3
6.72	7.46	24.63	5.97	2.98	5.97	4.48	4.48	1.49	3.73	100.00	
£1/16/1	£2/1/6	£2/5/11	£2/10/4	£2/15/0	£3/0/0	£3/5/6	£3/10/0	£3/15/0	£4/9/0	£2/3/0	
8	57	14	2	2	2	..	2	..	1	121	4
6.61	47.11	11.57	1.65	1.65	1.65	..	1.65	..	0.83	100.00	
£1/16/0	£2/1/3	£2/6/3	£2/10/4	£2/15/0	£3/0/0	..	£3/10/0	..	£5/0/0	£1/17/8	
20	28	67	30	21	24	7	11	1	1	355	5
5.63	7.89	18.87	8.45	5.92	6.76	1.97	3.11	0.28	0.28	100.00	
£1/15/9	£2/1/4	£2/6/5	£2/10/10	£2/15/9	£3/0/7	£3/6/1	£3/10/0	£3/16/0	£4/0/0	£1/17/7	
132	152	665	372	66	199	125	67	29	30	2,298	
5.74	6.61	28.94	16.19	2.87	8.66	5.44	2.92	1.26	1.30	100.00	
£1/16/2	£2/1/2	£2/7/6	£2/12/0	£2/16/3	£3/1/5	£3/6/3	£3/11/2	£3/16/4	£4/7/8	£2/6/0	
3	8	3	10	8	22	12	15	3	9	162	
1.85	4.94	1.85	6.17	4.94	13.58	7.41	9.26	1.85	5.55	100.00	
£1/15/0	£2/0/0	£2/5/0	£2/11/0	£2/15/3	£3/0/0	£3/5/7	£3/10/2	£3/15/0	£4/11/4	£2/2/9	
8	10	18	62	45	31	10	3	1	5	288	1
2.78	3.47	6.25	21.53	15.62	10.76	3.47	1.04	0.35	1.74	100.00	
£1/15/9	£2/0/8	£2/6/0	£2/12/10	£2/15/9	£3/0/2	£3/5/8	£3/10/8	£3/15/0	£4/2/2	£2/2/1	
18	19	10	35	148	217	126	159	47	179	1,415	2
1.27	1.34	0.71	2.47	10.46	15.34	8.90	11.24	3.32	12.65	100.00	
£1/15/4	£2/0/5	£2/5/0	£2/10/8	£2/15/2	£3/0/1	£3/5/1	£3/10/1	£3/15/4	£4/9/11	£2/10/2	
26	29	28	97	193	248	136	162	48	184	1,703	
1.53	1.70	1.64	5.69	11.33	14.56	8.00	9.52	2.82	10.80	100.00	
£1/15/6	£2/0/6	£2/5/8	£2/12/0	£2/15/4	£3/0/1	£3/5/1	£3/10/1	£3/15/4	£4/9/8	£2/8/9	
9	7	29	39	33	103	101	82	5	6	692	1
1.30	1.01	4.19	5.64	4.77	14.88	14.60	11.85	0.72	0.87	100.00	
£1/15/5	£2/0/7	£2/7/8	£2/11/11	£2/16/11	£3/1/3	£3/6/5	£3/10/8	£3/15/5	£4/2/4	£2/2/11	
46	60	288	426	190	329	226	190	74	159	2,210	2
2.08	2.71	13.03	19.28	8.60	14.89	10.23	8.60	3.35	7.19	100.00	
£1/16/6	£2/1/7	£2/7/7	£2/12/4	£2/17/1	£3/1/0	£3/6/8	£3/11/1	£3/16/1	£4/7/4	£2/16/0	
66	212	1,206	763	257	501	532	274	316	71	4,560	3
1.45	4.65	26.44	16.73	5.64	10.99	11.67	6.01	6.93	1.56	100.00	
£1/16/5	£2/2/5	£2/8/1	£2/12/9	£2/16/7	£3/1/3	£3/6/7	£3/11/7	£3/15/5	£4/7/6	£2/14/5	
2	1	3	1	..	10	6	1	1	..	29	4
6.90	3.45	10.34	3.45	..	34.48	20.69	3.45	3.45	..	100.00	
£1/16/3	£2/0/0	£2/8/0	£2/11/0	..	£3/0/0	£3/6/0	£3/10/0	£3/17/6	..	£2/13/0	
1	..	6	4	3	3	1	3	3	3	29	5
3.45	..	20.70	13.80	10.34	10.34	3.45	10.34	10.34	10.34	100.00	
£1/16/0	..	£2/7/3	£2/14/0	£2/15/0	£3/3/0	£3/5/0	£3/10/4	£3/15/0	£4/6/8	£2/18/4	
2	10	12	3	5	5	13	1	..	2	61	6
3.28	16.39	19.67	4.92	8.20	8.20	21.31	1.64	..	3.28	100.00	
£1/17/0	£2/1/4	£2/7/1	£2/12/0	£2/16/1	£3/0/7	£3/6/7	£3/12/0	..	£4/5/0	£2/10/7	
126	290	1,544	1,236	488	951	879	551	399	241	7,581	
1.66	3.83	20.32	16.31	6.44	12.54	11.61	7.27	5.26	3.18	100.00	
£1/16/4	£2/2/2	£2/7/11	£2/12/7	£2/16/10	£3/1/2	£3/6/7	£3/11/3	£3/15/7	£4/7/2	£2/13/10	

Manufacturing Industries.—Distribution of Weekly Wages of

INDUSTRY.	Under 10s.	10s—15s	15s—20s	20s—25s	25s—30s	30s—35s
XVIII.—LEATHERWARE (N.E.I.).						
No. of Persons	26	67	48	52	30	37
Percentage in each Group	3.98	10.26	7.35	7.96	4.59	5.67
Average Wage	7/3	11/8	16/8	£1/1/5	£1/5/10	£1/10/8
XIX.—MINOR WARES (N.E.I.).						
SUB-CLASS 1—Basket, Wickerware.						
No. of Persons	1	17	57	55	16	45
Percentage in each Group	0.27	4.64	15.58	15.03	4.37	12.31
Average Wage	7/6	11/0	17/2	£1/2/5	£1/6/5	£1/11/6
2—Brooms, Brushware.						
No. of Persons	12	38	51	26	36	36
Percentage in each Group	2.42	7.68	10.30	5.25	7.27	7.27
Average Wage	6/10	11/1	16/4	£1/0/11	£1/6/0	£1/11/9
3—Rubber Goods.						
No. of Persons .. ..	..	17	27	39	38	58
Percentage in each Group .. ..	..	1.56	2.47	3.57	3.48	5.31
Average Wage .. ..	..	11/9	16/6	£1/1/8	£1/6/10	£1/12/6
4—Umbrellas.						
No. of Persons	1	8	16	6	7	11
Percentage in each Group	1.03	8.25	16.49	6.19	7.22	11.34
Average Wage	7/6	11/1	16/1	£1/1/0	£1/6/6	£1/10/5
5—Minor Articles (n.e.i.).						
No. of Persons .. ..	..	1	2	3	..	5
Percentage in each Group .. ..	..	3.57	7.14	10.73	..	17.86
Average Wage .. ..	..	11/0	15/0	£1/1/8	..	£1/10/6
TOTAL ..						
No. of Persons	14	81	153	129	97	155
Percentage in each Group	0.67	3.90	7.36	6.22	4.67	7.46
Average Wage	6/11	11/3	16/8	£1/1/10	£1/6/5	£1/11/10
ALL CLASSES.						
No. of Persons	4,090	8,481	8,284	7,241	6,149	8,183
Percentage in each Group	1.96	4.05	3.96	3.46	2.94	3.92
Average Wage	7/0	11/5	16/3	£1/1/1	£1/5/11	£1/10/9

MANUFACTURING INDUSTRIES.—DISTRIBUTION OF WEEKLY WAGES OF

INDUSTRY.	Under 10s.	10s—15s	15s—20s	20s—25s	25s—30s	30s—35s
VI.—FOOD AND DRINK, ETC.						
SUB-CLASS 5—Biscuits.						
No. of Persons	79	515	495	386	41	13
Percentage in each Group	5.12	33.38	32.08	25.02	2.66	0.84
Average Wage	8/4	12/3	16/9	£1/0/1	£1/5/4	£1/10/11
6—Confectionery.						
No. of Persons	127	662	313	242	34	15
Percentage in each Group	9.07	47.29	22.36	17.29	2.43	1.07
Average Wage	8/5	12/7	16/5	£1/1/0	£1/5/7	£1/10/2
9—Jams, Pickles, Sauces.						
No. of Persons	2	77	521	732	132	72
Percentage in each Group	0.12	4.86	32.86	46.16	8.32	4.54
Average Wage	7/9	12/3	18/7	£1/1/3	£1/6/1	£1/10/2
17—Tobacco.						
No. of Persons	2	65	165	172	351	361
Percentage in each Group	0.12	4.17	10.58	11.03	22.52	23.16
Average Wage	8/0	12/0	16/1	£1/1/6	£1/6/6	£1/13/5
All Others.						
No. of Persons	16	292	450	327	125	51
Percentage in each Group	1.25	22.83	35.18	25.57	9.77	3.99
Average Wage	8/2	12/4	16/10	£1/1/4	£1/5/7	£1/10/6
TOTAL ..						
No. of Persons	226	1,611	1,944	1,859	683	512
Percentage in each Group	3.06	21.87	26.39	25.24	9.28	6.96
Average Wage	8/5	12/5	17/2	£1/1/0	£1/6/2	£1/12/6

Male Employees in Industrial Classes, November 1912.—*continued.*

35s—40s	40s—45s	45s—50s	50s—55s	55s—60s	60s—65s	65s—70s	70s—75s	75s—80s	80s and over.	All Persons.	Sub-class
28 4.29 £1/15/10	33 5.05 £2/1/4	64 9.81 £2/6/10	86 13.16 £2/12/5	100 15.32 £2/15/2	41 6.28 £3/0/2	18 2.76 £3/5/8	17 2.61 £3/10/6	1 0.15 £3/18/6	5 0.76 £4/3/0	653 100.00 £1/19/1	
12 3.28 £1/16/0	10 2.73 £2/0/11	16 4.37 £2/6/2	31 8.47 £2/11/9	50 13.66 £2/16/8	44 12.02 £3/0/1	10 2.73 £3/5/9	1 0.27 £3/12/0	.. .. ..	1 0.27 £4/0/0	366 100.00 £1/17/6	1
28 5.66 £1/16/8	36 7.27 £2/0/10	55 11.11 £2/6/3	82 16.57 £2/11/7	26 5.25 £2/15/5	28 5.66 £3/0/6	17 3.44 £3/5/7	8 1.62 £3/10/3	14 2.83 £3/15/2	2 0.40 £4/0/0	495 100.00 £1/18/11	2
65 5.95 £1/16/8	31 2.84 £2/1/5	378 34.61 £2/7/1	302 27.66 £2/10/11	24 2.20 £2/15/5	48 4.40 £3/0/11	36 3.30 £3/6/1	13 1.19 £3/10/11	9 0.82 £3/16/8	7 0.64 £4/2/2	1,092 100.00 £2/5/10	3
8 8.25 £1/15/11	5 5.15 £2/1/0	7 7.22 £2/5/6	9 9.28 £2/10/3	4 4.12 £2/16/10	9 9.28 £3/0/7	.. .. ..	2 2.06 £3/10/0	2 2.06 £3/16/3	2 2.06 £4/0/0	97 100.00 £1/16/0	4
1 3.57 £1/15/0	.. .. ..	2 7.14 £2/6/6	5 17.86 £2/10/0	1 3.57 £2/15/0	2 7.14 £3/0/0	2 7.14 £3/5/0	2 7.14 £3/10/0	.. .. ..	2 7.14 £4/0/0	28 100.00 £2/4/4	5
114 5.49 £1/16/7	82 3.95 £2/1/1	458 22.04 £2/6/11	429 20.64 £2/11/1	105 5.05 £2/16/1	131 6.30 £3/0/6	65 3.13 £3/5/10	26 1.25 £3/10/7	25 1.20 £3/15/10	14 0.67 £4/1/1	2,078 100.00 £2/2/3	
6,303 3.02 £1/16/2	12,202 5.83 £2/1/6	32,781 15.68 £2/7/0	31,757 15.18 £2/12/2	15,247 7.29 £2/16/6	27,470 13.13 £3/0/10	17,606 8.42 £3/6/4	11,386 5.44 £3/11/1	4,205 2.02 £3/16/3	7,743 3.70 £4/12/0	209,128 100.00 £2/9/3	

FEMALE EMPLOYEES IN INDUSTRIAL CLASSES, NOVEMBER 1912.

35s—40s	40s—45s	45s—50s	50s—55s	55s—60s	60s—65s	65s—70s	70s—75s	75s—80s	80s and over.	All Persons.	Sub Class
10 0.65 £1/17/3	3 0.19 £2/1/6	.. .. ..	.. .. ..	.. .. ..	1 0.06 £3/3/0	.. .. ..	.. .. ..	.. .. ..	.. .. ..	1,543 100.00 16/3	5
3 0.21 £1/16/6	3 0.21 £2/0/0	.. .. ..	.. .. ..	.. .. ..	1 0.07 £3/0/0	.. .. ..	.. .. ..	.. .. ..	.. .. ..	1,400 100.00 15/3	6
41 2.58 £1/15/11	.. .. ..	8 0.50 £2/8/0	1 0.06 £2/10/0	.. .. ..	.. .. ..	.. .. ..	.. .. ..	.. .. ..	.. .. ..	1,586 100.00 £1/1/3	9
291 18.67 £1/18/7	17 1.09 £2/0/6	22 1.42 £2/5/5	111 7.12 £2/13/4	.. .. ..	.. .. ..	.. .. ..	2 0.12 £3/12/6	.. .. ..	.. .. ..	1,559 100.00 £1/10/6	17
6 0.47 £1/15/11	5 0.39 £2/0/0	4 0.31 £2/5/0	2 0.16 £2/10/4	1 0.08 £2/15/0	.. .. ..	.. .. ..	.. .. ..	.. .. ..	.. .. ..	1,279 100.00 18/7	
351 4.76 £1/18/2	28 0.38 £2/0/5	34 0.46 £2/6/0	114 1.55 £2/13/3	1 0.01 £2/15/0	2 0.02 £3/1/6	.. .. ..	2 0.02 £3/12/6	.. .. ..	.. .. ..	7,367 100.00 £1/0/7	

Manufacturing Industries.—Distribution of Weekly Wages of

INDUSTRY.	Under 10s.	10s—15s	15s—20s	20s—25s	25s—30s	30s—35s
VII.—CLOTHING AND TEXTILE FABRICS, etc						
SUB-CLASS 1—Woollen Cloth.						
No. of Persons	108	360	201	269	304	430
Percentage in each Group	6.31	21.04	11.75	15.72	17.77	25.13
Average Wage	8/1	11/9	16/4	£1/1/6	£1/6/11	£1/10/6
2—Boots and Shoes.						
No. of Persons	271	797	576	1,387	1,257	207
Percentage in each Group	5.93	17.44	12.60	30.34	27.50	4.53
Average Wage	7/8	11/8	16/4	£1/2/5	£1/5/11	£1/10/6
3—Clothing and Factories.						
No. of Persons	2,697	2,308	2,508	3,805	4,067	2,261
Percentage in each Group	13.80	11.81	12.83	19.47	20.81	11.57
Average Wage	6/5	11/6	16/6	£1/1/8	£1/6/2	£1/10/10
4—Dress-making.						
No. of Persons	4,563	3,102	2,575	3,783	2,112	760
Percentage in each Group	25.47	17.31	14.37	21.12	11.79	4.28
Average Wage	6/0	11/10	16/8	£1/1/6	£1/5/10	£1/10/5
7—Caps, Hats.						
No. of Persons	77	244	271	574	310	236
Percentage in each Group	4.24	13.45	14.94	31.64	17.08	13.01
Average Wage	7/6	11/11	16/4	£1/1/8	£1/6/3	£1/10/5
9—Hosiery.						
No. of Persons	1,190	1,484	1,852	2,767	1,344	572
Percentage in each Group	12.45	15.53	19.38	28.96	14.06	5.99
Average Wage	6/9	11/7	16/4	£1/1/6	£1/5/10	£1/10/9
10 11, 12—All Others.						
No. of Persons	76	282	379	490	250	112
Percentage in each Group	4.62	17.14	23.04	29.79	15.20	6.81
Average Wage	7/4	12/5	16/5	£1/1/7	£1/6/2	£1/11/3
TOTAL ..						
No. of Persons	8,982	8,577	8,362	13,075	9,644	4,578
Percentage in each Group	15.82	15.12	14.73	23.04	16.99	8.06
Average Wage	6/4	11/8	16/6	£1/1/8	£1/6/0	£1/10/8
VIII.—BOOKS, PAPER, PRINTING, ETC.						
SUB-CLASS 1—Printing, Electro., Stereos.						
No. of Persons	387	1,034	943	1,187	367	152
Percentage in each Group	9.35	24.90	22.79	28.69	8.88	3.67
Average Wage	7/7	11/6	16/7	£1/1/4	£1/5/9	£1/10/5
2, 3, 4—Paper, Paper Bags, Boxes, Ink, Die Sinking.						
No. of Persons	99	340	317	294	117	35
Percentage in each Group	8.15	28.01	26.12	24.22	9.64	2.88
Average Wage	7/8	11/8	16/10	£1/1/8	£1/5/10	£1/10/8
TOTAL ..						
No. of Persons	486	1,374	1,260	1,481	484	187
Percentage in each Group	9.09	25.67	23.54	27.67	9.05	3.49
Average Wage	7/7	11/7	16/8	£1/1/5	£1/5/9	£1/10/6
ALL OTHER CLASSES.						
No. of Persons	218	941	1,274	963	686	649
Percentage in each Group	4.46	19.25	26.07	19.70	14.04	13.28
Average Wage	7/6	12/1	16/6	£1/1/1	£1/5/8	£1/10/3
ALL CLASSES.						
No. of Persons	9,912	12,503	12,840	17,378	11,497	5,926
Percentage in each Group	13.33	16.80	17.26	23.37	15.46	7.97
Average Wage	6/6	11/10	16/7	£1/1/6	£1/6/0	£1/10/9

Female Employees in Industrial Classes, November 1912.—*continued.*

35s—40s	40s—45s	45s—50s	50s—55s	55s—60s	60s—65s	65s—70s	70s—75s	75s—80s	80s and over.	All Persons.	Sub-class
39 2.28 £1/15/10	.. .. ..	.. .. ..	.. .. ..	.. .. ..	.. .. ..	.. .. ..	.. .. ..	.. .. ..	.. .. ..	1,711 100.00 £1/1/6	1
49 1.07 £1/15/5	14 0.31 £2/0/2	5 0.11 £2/5/0	7 0.15 £2/11/2	.. .. ..	1 0.02 £3/0/0	.. .. ..	.. .. ..	.. .. ..	.. .. ..	4,571 100.00 £1/0/6	2
938 4.79 £1/15/8	504 2.58 £2/0/7	207 1.06 £2/5/6	136 0.69 £2/10/10	25 0.13 £2/15/8	47 0.24 £3/0/6	8 0.04 £3/5/5	9 0.05 £3/10/8	7 0.04 £3/15/9	17 0.09 £4/15/11	19,544 100.00 £1/1/7	3
324 1.81 £1/15/7	232 1.29 £2/0/4	85 0.42 £2/5/3	119 0.66 £2/10/1	22 0.12 £2/15/4	101 0.56 £3/0/2	16 0.09 £3/5/4	35 0.19 £3/10/1	5 0.03 £3/15/0	87 0.49 £4/13/10	17,921 100.00 17/8	4
42 2.32 £1/15/8	33 1.81 £2/0/6	13 0.72 £2/5/6	6 0.33 £2/10/0	1 0.06 £2/15/0	3 0.17 £3/0/0	1 0.06 £3/5/0	1 0.06 £3/10/0	.. .. ..	2 0.11 £4/15/0	1,814 100.00 £1/2/1	7
195 2.05 £1/16/0	82 0.86 £2/0/4	30 0.31 £2/5/4	14 0.15 £2/10/2	6 0.06 £2/15/0	5 0.05 £3/0/0	3 0.03 £3/5/0	5 0.05 £3/10/0	1 0.01 £3/17/6	6 0.06 £4/13/4	9,556 100.00 19/0	9
26 1.58 £1/15/11	12 0.73 £2/0/7	9 0.55 £2/5/2	4 0.24 £2/10/0	1 0.06 £2/15/0	3 0.18 £3/0/0	.. .. ..	.. .. ..	.. .. ..	1 0.06 £4/0/0	1,645 100.00 £1/0/3	10,11 12
1,613 2.84 £1/15/8	877 1.55 £2/0/6	349 0.62 £2/5/5	286 0.50 £2/10/6	55 0.10 £2/15/5	160 0.28 £3/0/3	28 0.05 £3/5/3	50 0.08 £3/10/2	13 0.02 £3/15/7	113 0.20 £4/14/0	56,762 100.00 19/9	
26 0.63 £1/16/0	25 0.60 £2/0/11	6 0.14 £2/5/5	6 0.14 £2/10/8	.. .. ..	4 0.10 £3/1/4	.. .. ..	.. .. ..	.. .. ..	1 0.02 £4/8/0	4,138 100.00 17/7	1
3 0.25 £1/16/2	5 0.41 £2/1/7	.. .. ..	1 0.08 £2/10/0	.. .. ..	2 0.16 £3/0/0	.. .. ..	.. .. ..	.. .. ..	1 0.08 £5/0/0	1,214 100.00 17/5	2,3,4
29 0.54 £1/16/0	30 0.56 £2/1/0	6 0.11 £2/5/5	7 0.13 £2/10/7	.. .. ..	6 0.11 £3/0/11	.. .. ..	.. .. ..	.. .. ..	2 0.4 £4/14/0	5,352 100.00 17/6	
81 1.66 £1/15/4	44 0.90 £2/0/5	10 0.20 £2/5/10	9 0.18 £2/10/0	8 0.16 £2/15/0	2 0.04 £3/0/0	1 0.02 £3/5/6	1 0.02 £3/10/0	.. .. ..	1 0.02 £4/0/0	4,888 100.00 £1/0/0	
2,074 2.79 £1/16/1	979 1.32 £2/0/6	399 0.54 £2/5/6	416 0.56 £2/11/3	64 0.08 £2/15/5	170 0.23 £3/0/4	29 0.04 £3/5/4	53 0.07 £3/10/3	13 0.02 £3/15/7	116 0.16 £4/13/11	74,369 100.00 19/8	

APPENDIX II.

DISTRIBUTION OF WAGES OF MALE EMPLOYEES IN STATES, 1912.

Rate of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total.	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
I.—TREATING RAW MATERIAL, ETC.														
Under 10s.	..	s. d.	4	s. d.	..	s. d.	..	s. d.	..	s. d.	..	s. d.	4	s. d.
10s. to 15s.	10	13 0	25	11 0	1	12 6	5	11 8	1	10 0	2	11 3	44	11 6
15s. to 20s.	33	16 11	75	16 4	9	16 7	14	15 4	2	15 7	..	..	133	16 5
20s. to 25s.	44	22 4	67	21 1	3	22 2	21	22 7	1	20 0	19	21 9	155	21 9
25s. to 30s.	77	25 6	62	25 6	17	26 6	15	25 5	5	25 0	19	25 9	195	25 7
30s. to 35s.	191	30 8	120	31 0	16	30 8	22	30 8	31	30 6	51	30 8	431	30 9
35s. to 40s.	175	36 2	86	36 2	107	37 6	20	35 8	3	35 0	16	36 2	407	36 6
40s. to 45s.	415	41 7	214	41 7	55	41 3	129	42 0	9	41 7	34	41 1	856	41 7
45s. to 50s.	973	46 7	1195	46 4	80	46 5	376	47 1	39	48 10	31	47 1	2694	46 7
50s. to 55s.	734	51 3	409	51 2	92	51 8	137	51 10	35	51 0	24	51 2	1431	51 4
55s. to 60s.	269	55 11	150	56 2	28	57 2	40	56 7	7	55 4	6	55 9	500	56 1
60s. to 65s.	194	60 4	111	60 2	30	60 4	29	60 4	56	60 0	5	60 0	425	60 3
65s. to 70s.	41	65 8	24	65 9	3	65 0	6	66 2	4	65 3	2	66 0	80	65 8
70s. to 75s.	43	70 8	16	70 5	8	70 9	2	72 3	5	70 5	1	70 0	75	70 8
75s. to 80s.	29	77 5	3	75 5	..	..	..	..	..	..	..	..	32	77 2
80s. and over	75	86 5	12	92 11	35	85 2	1	80 0	..	..	2	100 0	125	86 10
All Persons	3303	47 7	2573	45 0	484	47 8	817	45 9	198	48 10	212	38 8	7587	46 4

II.—OILS AND FATS.

Under 10s.	..	s. d.	4	s. d.	3	s. d.	3	s. d.	..	s. d.	..	s. d.	10	s. d.
10s. to 15s.	25	11 11	32	11 5	7	10 9	20	12 1	6	14 0	..	..	90	11 10
15s. to 20s.	47	16 0	25	16 9	6	15 8	10	16 4	9	15 7	2	17 0	99	16 2
20s. to 25s.	34	21 1	34	21 9	7	20 7	5	22 8	2	20 0	1	22 6	83	21 5
25s. to 30s.	36	25 11	21	25 3	9	25 7	5	26 8	3	25 10	..	..	74	25 9
30s. to 35s.	33	30 3	20	30 2	9	30 9	5	31 11	2	30 0	1	30 0	70	30 4
35s. to 40s.	27	36 2	22	36 0	6	35 9	3	37 0	2	36 0	..	..	60	36 1
40s. to 45s.	157	40 10	98	42 3	32	41 7	8	41 5	1	42 0	8	41 3	302	41 4
45s. to 50s.	184	46 2	129	45 5	16	46 6	85	45 11	10	47 8	3	45 10	427	45 11
50s. to 55s.	83	50 10	56	51 0	8	50 6	23	51 1	12	51 3	1	50 0	183	50 11
55s. to 60s.	25	56 0	13	55 8	..	..	8	55 2	3	56 4	..	..	49	55 10
60s. to 65s.	65	61 6	28	60 10	10	60 1	6	60 0	3	60 0	1	62 6	113	61 1
65s. to 70s.	25	66 5	10	66 0	3	66 0	6	65 11	2	65 6	..	..	46	66 2
70s. to 75s.	62	71 5	3	76 0	2	70 0	3	71 4	..	..	..	..	67	71 4
75s. to 80s.	8	76 9	..	..	..	..	..	..	..	..	..	..	11	76 7
80s. and over	7	81 9	2	80 0	1	80 0	4	87 6	..	..	..	..	14	83 0
All Persons	818	44 7	497	39 10	119	38 3	192	41 10	55	37 11	17	39 3	1698	42 2

III.—STONE, CLAY, GLASS, ETC.

Under 10s.	3	s. d.	17	s. d.	3	s. d.	2	s. d.	1	s. d.	8	s. d.	34	s. d.
10s. to 15s.	29	12 4	77	11 10	6	11 6	20	11 9	5	12 4	5	10 6	142	11 11
15s. to 20s.	82	16 2	83	17 0	23	16 9	53	15 10	4	16 4	4	15 6	249	16 5
20s. to 25s.	87	21 11	138	20 8	22	21 9	57	21 1	4	22 0	3	22 8	311	21 2
25s. to 30s.	134	25 9	126	25 6	23	26 9	20	26 7	8	25 10	7	26 11	318	25 10
30s. to 35s.	321	30 11	108	30 10	15	31 3	27	30 11	8	30 7	6	30 2	485	30 10
35s. to 40s.	274	36 1	168	36 0	22	36 0	46	36 10	6	36 10	8	35 10	524	36 1
40s. to 45s.	230	41 5	307	41 7	111	42 2	59	41 7	31	41 0	36	41 9	774	41 7
45s. to 50s.	736	47 8	793	46 11	201	47 3	288	47 6	21	47 10	91	47 0	2130	47 3
50s. to 55s.	1154	52 3	582	51 11	32	51 7	276	52 4	28	53 4	14	52 2	2086	52 2
55s. to 60s.	950	56 10	261	56 11	44	56 10	107	56 7	68	56 7	4	57 2	1434	56 10
60s. to 65s.	628	61 0	370	61 3	20	61 10	141	61 0	196	60 4	12	60 7	1367	61 0
65s. to 70s.	357	66 3	200	66 3	17	67 0	57	66 2	70	66 0	6	65 6	707	66 3
70s. to 75s.	398	71 2	127	71 1	16	71 1	56	70 8	33	71 6	1	72 0	631	71 2
75s. to 80s.	85	76 8	47	76 4	4	76 2	15	75 10	10	77 2	..	..	161	76 6
80s. and over	289	89 5	132	82 6	4	92 6	13	89 8	17	90 0	1	90 0	456	87 6
All Persons	5757	53 7	3536	48 9	563	45 0	1237	49 0	510	58 1	206	43 3	11809	51 3

* For constitution of wages groups see Sec. II. Sub. sec. 1.

Manufacturing Industries, Distribution of Wages, 1912—(continued)

Rate of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total.	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
IV.—WORKING IN WOOD.														
Under 10s.	105	s. 7 d. 6	67	s. 7 d. 5	40	s. 7 d. 6	41	s. 7 d. 6	2	s. 4 d. 6	24	s. 7 d. 7	279	s. 7 d. 5
10s. to 15s.	212	11 1	139	11 1	92	12 7	67	10 6	22	10 5	31	11 2	563	11 3
15s. " 20s.	155	15 10	191	15 9	93	16 7	72	16 0	22	15 0	21	16 2	554	15 11
20s. " 25s.	215	20 7	201	20 9	85	21 1	47	21 3	23	21 3	36	21 9	607	20 10
25s. " 30s.	222	25 5	180	25 8	83	25 11	34	26 11	18	25 8	27	25 9	564	25 8
30s. " 35s.	253	30 7	187	30 7	103	31 0	38	31 3	28	30 7	38	30 9	647	30 8
35s. " 40s.	210	35 11	120	36 3	100	36 8	24	36 3	33	36 5	41	36 2	528	36 2
40s. " 45s.	578	41 5	285	41 7	263	42 2	32	41 9	35	41 0	181	42 8	1374	41 9
45s. " 50s.	2053	46 9	1085	47 0	1192	46 9	336	47 9	1376	48 0	598	47 4	6640	47 2
50s. " 55s.	1320	52 3	1322	52 9	518	52 1	240	52 11	1184	53 1	399	51 10	4983	52 7
55s. " 60s.	386	56 2	383	56 10	277	56 6	90	56 7	174	56 10	69	58 2	1379	56 8
60s. " 65s.	897	60 11	874	60 7	476	60 8	118	60 9	692	60 7	174	60 3	3231	60 8
65s. " 70s.	892	66 2	702	66 4	124	66 2	324	66 3	607	67 5	84	66 1	2733	66 6
70s. " 75s.	301	71 6	154	71 3	126	71 8	48	71 8	531	72 1	28	71 10	1188	71 9
75s. " 80s.	133	76 7	55	76 3	33	76 1	17	76 4	337	77 0	3	77 0	578	76 9
80s. and over	206	87 0	82	88 9	62	83 0	10	85 2	269	88 2	12	89 3	641	87 4
All Persons	8138	59 9	6027	49 10	3667	48 3	1538	49 1	5353	58 9	1766	48 2	26489	51 3

V.—METAL WORKS, MACHINERY, ETC.

Under 10s.	471	s. 6 d. 11	360	s. 6 d. 11	284	s. 7 d. 3	68	s. 7 d. 9	14	s. 7 d. 5	80	s. 6 d. 6	1277	s. 7 d. 0
10s. to 15s.	658	11 4	833	11 8	266	11 3	239	11 10	89	11 7	54	11 6	2139	11 6
15s. " 20s.	744	16 5	863	16 3	226	15 10	205	16 6	109	16 4	45	16 0	2192	16 4
20s. " 25s.	631	21 2	674	21 5	190	21 8	287	21 8	51	21 1	30	21 5	1863	21 4
25s. " 30s.	455	25 11	541	26 1	108	26 2	140	26 3	108	25 9	17	26 2	1369	26 1
30s. " 35s.	778	30 7	531	30 10	186	30 11	199	31 3	60	31 7	17	31 0	1771	30 10
35s. " 40s.	436	36 2	382	36 3	231	37 5	192	36 7	50	36 6	54	37 0	1345	36 6
40s. " 45s.	566	41 4	638	41 6	681	42 3	175	41 6	57	40 10	88	42 1	2205	41 9
45s. " 50s.	3763	47 6	3643	46 11	848	46 10	903	47 6	138	47 5	301	47 7	9596	47 3
50s. " 55s.	3373	51 10	2438	52 1	377	51 8	1534	52 6	331	53 8	118	52 11	8171	52 1
55s. " 60s.	2184	56 8	606	56 8	223	56 1	255	57 0	429	57 0	248	58 10	3945	56 10
60s. " 65s.	2983	61 8	1850	60 5	1260	62 1	1391	61 4	255	60 11	261	61 1	8000	61 4
65s. " 70s.	2437	66 2	3191	66 3	585	66 9	1280	67 1	461	67 8	65	66 5	8019	66 6
70s. " 75s.	3180	71 0	703	71 8	271	71 3	325	71 4	427	71 7	51	71 6	4957	71 2
75s. " 80s.	780	75 9	367	77 1	151	77 5	89	77 1	349	76 3	24	77 4	1760	76 4
80s. and over	1156	97 8	311	89 1	309	86 5	149	87 0	232	88 5	20	89 3	2177	93 1
All Persons	4595	54 2	17931	48 8	6196	49 3	7431	52 4	3160	58 10	1473	48 10	60786	51 11

VI.—FOOD AND DRINK, ETC.

Under 10s.	24	s. 6 d. 10	49	s. 7 d. 10	46	s. 7 d. 4	19	s. 7 d. 9	2	s. 7 d. 3	15	s. 7 d. 6	155	s. 7 d. 6
10s. to 15s.	287	12 4	267	11 10	143	11 6	142	11 8	19	11 6	50	11 11	908	11 11
15s. " 20s.	530	16 7	465	16 6	183	16 6	108	16 5	68	16 1	62	16 4	1416	16 6
20s. " 25s.	393	21 1	494	21 1	259	21 6	90	21 6	29	21 1	64	21 2	1329	21 2
25s. " 30s.	424	26 5	389	25 9	215	25 11	92	26 7	25	25 9	46	26 7	1191	26 1
30s. " 35s.	425	31 4	400	30 7	1019	30 9	192	30 5	27	30 2	75	30 9	2138	30 10
35s. " 40s.	386	35 11	505	36 7	526	36 1	85	36 4	17	35 6	62	36 7	1581	36 3
40s. " 45s.	754	41 3	928	41 3	1370	41 10	157	41 7	46	41 0	258	41 9	3513	41 6
45s. " 50s.	1630	47 0	1645	46 2	1562	46 10	519	47 6	110	47 7	152	46 3	5618	46 9
50s. " 55s.	1895	51 6	1691	51 3	954	51 6	534	52 8	221	52 3	48	51 1	5343	51 7
55s. " 60s.	765	56 1	407	56 5	589	56 11	126	57 0	212	55 6	14	55 9	2113	56 4
60s. " 65s.	865	61 0	767	60 8	592	60 8	247	60 1	134	60 2	25	60 7	2590	60 8
65s. " 70s.	440	66 3	384	66 6	314	66 3	101	66 11	37	66 0	4	65 3	1280	66 4
70s. " 75s.	358	71 1	101	70 6	202	71 2	34	70 2	94	70 9	10	70 7	799	70 11
75s. " 80s.	95	76 6	41	76 6	107	75 11	12	75 0	29	75 6	..	..	284	76 1
80s. and over	391	89 0	289	106 2	378	98 11	31	87 0	154	87 4	3	113 4	1246	95 9
All Persons	9662	47 3	8782	45 2	8459	46 10	2489	44 7	1224	54 11	888	36 10	31504	46 4

* For constitution of wages groups see Sec. II., Sub. sec. 1.

Manufacturing Industries, Distribution of Wages, 1912—(continued).

Rate of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total.	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
Under 10s.	54	s. d.	260	s. d.	95	s. d.	25	s. d.	4	s. d.	17	s. d.	455	s. d.
10s. to 15s.	243	11 6	589	11 6	132	11 7	62	11 11	21	11 7	33	12 6	1080	11 7
15s. " 20s.	284	16 2	426	16 6	74	16 3	48	16 2	17	16 2	15	16 3	864	16 4
20s. " 25s.	248	21 0	344	21 2	75	21 4	41	21 0	15	20 4	49	21 1	772	21 1
25s. " 30s.	211	25 11	361	25 11	58	25 9	50	26 6	13	25 5	16	25 10	709	25 11
30s. " 35s.	208	30 9	376	30 10	57	31 0	56	31 1	13	30 5	26	30 3	736	30 10
35s. " 40s.	184	35 8	277	35 10	33	35 8	43	35 5	6	35 2	11	36 5	554	35 9
40s. " 45s.	370	41 3	588	41 5	55	41 3	47	40 8	14	40 2	47	41 2	1121	41 3
45s. " 50s.	251	45 10	339	46 2	78	45 9	75	45 11	16	45 11	31	46 2	790	46 0
50s. " 55s.	1028	53 0	1880	53 3	390	51 9	344	53 0	35	52 0	98	51 6	3775	53 0
55s. " 60s.	1056	56 1	987	56 11	123	55 7	93	55 11	36	55 10	26	56 0	2326	56 5
60s. " 65s.	965	60 5	697	60 3	147	60 6	114	60 2	55	60 7	17	60 6	1995	60 4
65s. " 70s.	258	65 6	206	65 7	48	65 6	20	65 2	25	65 0	22	65 5	579	65 6
70s. " 75s.	285	70 5	141	70 3	70	70 1	29	70 5	66	70 2	18	70 9	609	70 4
75s. " 80s.	89	75 7	42	75 5	13	75 8	6	75 4	15	75 3	10	76 6	175	75 7
80s. and over	361	92 11	325	90 9	62	91 4	54	93 6	72	93 2	13	98 1	887	92 3
All Persons	6095	50 5	7838	44 5	1515	43 8	1107	46 9	423	57 7	449	42 5	17427	46 10

VII.—CLOTHING AND TEXTILE FABRICS, ETC.

Rate of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total.	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
Under 10s.	156	s. d.	197	s. d.	79	s. d.	63	s. d.	6	s. d.	53	s. d.	554	s. d.
10s. to 15s.	350	11 6	629	11 0	146	10 11	143	11 8	52	11 5	56	10 8	1376	11 3
15s. " 20s.	403	16 0	246	16 2	89	15 10	66	16 5	43	15 9	26	16 3	873	16 1
20s. " 25s.	299	20 7	208	21 3	68	20 9	42	20 11	15	20 4	19	21 8	651	20 10
25s. " 30s.	187	25 7	274	26 10	46	25 11	34	26 1	21	25 5	9	25 11	571	26 3
30s. " 35s.	233	30 5	130	30 4	45	30 5	26	30 6	10	30 1	11	31 2	455	30 5
35s. " 40s.	115	35 6	124	35 8	38	35 9	10	35 11	15	35 5	2	35 0	304	35 7
40s. " 45s.	166	40 7	238	41 2	57	40 6	14	40 5	27	40 6	13	40 6	515	40 10
45s. " 50s.	420	46 11	192	46 1	53	46 6	56	46 9	18	45 2	9	45 8	748	46 7
50s. " 55s.	409	51 3	193	51 5	75	50 9	47	51 0	21	51 7	10	51 1	755	51 3
55s. " 60s.	220	55 9	198	56 0	177	56 1	148	56 5	14	55 10	25	56 1	782	56 0
60s. " 65s.	1223	60 9	1270	60 6	255	60 3	216	60 7	35	60 5	96	60 2	3095	60 7
65s. " 70s.	387	66 1	253	65 9	52	65 7	63	66 0	154	65 9	22	65 5	931	65 11
70s. " 75s.	257	70 8	166	70 7	80	71 0	45	71 1	60	70 8	12	70 11	620	70 9
75s. " 80s.	117	75 8	55	75 11	36	75 8	30	75 11	27	75 4	4	75 9	269	75 9
80s. and over	485	93 10	334	95 4	126	91 1	118	97 6	156	96 3	42	95 10	1261	94 8
All Persons	5427	49 0	4707	45 4	1422	46 6	1121	48 5	674	59 9	409	43 2	13760	47 9

IX.—MUSICAL INSTRUMENTS.

Rate of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total.	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
Under 10s.	3	s. d.	6	s. d.	..	s. d.	2	s. d.	..	s. d.	..	s. d.	11	s. d.
10s. to 15s.	19	10 8	7	10 0	..	..	1	8 0	..	..	..	..	27	10 7
15s. " 20s.	12	16 5	19	15 6	..	..	2	15 0	..	..	..	..	33	15 10
20s. " 25s.	16	20 10	5	21 0	..	..	2	22 0	..	..	..	..	17	21 0
25s. " 30s.	16	25 4	5	25 6	..	..	..	..	..	..	..	..	21	25 4
30s. " 35s.	9	30 3	5	30 0	..	..	..	..	..	..	..	..	14	30 2
35s. " 40s.	8	35 0	2	35 0	..	..	..	..	..	..	..	..	10	35 0
40s. " 45s.	7	40 4	5	40 0	..	..	2	40 0	..	..	..	..	14	40 2
45s. " 50s.	20	46 4	1	49 4	..	..	..	..	..	..	..	..	21	46 5
50s. " 55s.	36	50 8	10	50 0	..	..	2	54 0	..	..	..	..	48	50 8
55s. " 60s.	11	56 3	5	58 0	..	..	3	56 0	..	..	..	..	19	56 8
60s. " 65s.	43	61 11	43	60 11	..	..	3	60 0	..	..	..	..	89	61 5
65s. " 70s.	61	66 11	10	67 5	..	..	..	..	..	..	..	..	71	66 2
70s. " 75s.	32	70 9	15	72 0	..	..	1	70 0	..	..	..	..	48	71 1
75s. " 80s.	19	75 1	9	77 1	..	..	..	..	..	..	..	..	28	75 9
80s. and over	31	85 7	12	84 2	..	..	..	..	..	..	..	..	43	85 2
All Persons	337	54 3	159	50 2	..	..	18	39 4	..	..	..	..	514	52 5

* For constitution of wage-groups see Sec. II. Sub-sec. 1.

Manufacturing Industries, Distribution of Wages, 1912.—(continued).

Rate of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
X.—ARMS, EXPLOSIVES, ETC.														
Under 10s.	..	s. d.	..	s. d.	..	s. d.	..	s. d.	..	s. d.	..	s. d.	..	s. d.
10s. to 15s.	10	11 3	7	12 7	..	..	..	..	..	..	..	..	17	11 10
15s. " 20s.	8	18 3	8	15 6	..	..	1	15 0	..	..	..	..	17	16 9
20s. " 25s.	8	22 3	6	22 11	..	..	..	..	..	..	..	..	14	22 6
25s. " 30s.	11	26 5	3	25 10	..	..	..	..	..	..	..	..	14	26 4
30s. " 35s.	18	31 4	15	30 5	..	..	..	..	..	..	..	..	33	30 11
35s. " 40s.	1	35 0	..	..	..	..	..	..	..	..	..	..	1	35 0
40s. " 45s.	10	40 5	8	40 8	..	..	1	42 0	..	..	..	..	19	40 7
45s. " 50s.	5	46 10	10	47 1	..	..	..	..	..	..	..	..	15	47 0
50s. " 55s.	117	53 2	68	51 6	..	..	..	..	..	..	..	..	185	52 7
55s. " 60s.	2	56 0	24	56 11	..	..	..	..	..	..	..	..	26	56 11
60s. " 65s.	14	60 7	9	61 8	..	..	..	..	..	..	..	..	23	61 0
65s. " 70s.	7	66 0	8	66 11	..	..	..	..	..	..	..	..	15	66 6
70s. " 75s.	14	70 9	23	71 7	..	..	..	..	..	..	..	..	37	71 4
75s. " 80s.	13	76 0	24	77 11	..	..	..	..	..	..	..	..	37	77 3
80s. and over	12	81 8	12	87 11	..	..	1	80 0	..	..	..	..	25	84 6
All Persons	250	50 3	225	54 3	..	..	3	45 8	..	..	..	..	478	52 2

XI.—VEHICLES, SADDLERY, HARNESS, ETC.

Under 10s.	145	s. d.	376	s. d.	87	s. d.	49	s. d.	7	s. d.	43	s. d.	707	s. d.
10s. to 15s.	257	10 10	349	11 1	111	10 10	103	11 3	34	11 1	45	11 0	899	11 0
15s. " 20s.	247	15 9	251	15 8	102	15 8	84	15 9	23	16 0	37	15 7	744	15 9
20s. " 25s.	172	20 7	216	20 8	80	20 7	79	20 5	22	20 4	23	20 6	592	20 7
25s. " 30s.	157	25 6	139	25 9	55	25 5	89	25 10	19	25 6	11	25 6	470	25 7
30s. " 35s.	189	30 3	134	30 8	74	30 4	61	30 6	15	30 2	22	30 4	495	30 5
35s. " 40s.	96	35 8	96	35 5	43	35 8	33	35 6	20	35 10	16	35 7	304	35 7
40s. " 45s.	251	41 1	154	40 10	61	40 5	76	40 9	24	41 1	31	40 11	597	40 11
45s. " 50s.	222	46 6	253	46 5	80	46 4	89	46 7	31	47 5	27	46 7	702	46 6
50s. " 55s.	409	52 9	313	52 2	250	52 5	140	52 4	37	51 6	40	51 8	1189	52 1
55s. " 60s.	543	56 1	113	55 11	71	55 9	72	56 5	18	56 6	22	55 10	839	56 4
60s. " 65s.	562	60 6	983	60 3	154	60 1	283	60 6	91	61 1	57	60 5	2130	60 4
65s. " 70s.	193	65 7	333	65 9	50	65 8	116	67 7	48	66 6	12	65 4	752	66 0
70s. " 75s.	264	70 8	116	71 0	51	70 9	31	70 11	59	71 0	5	70 10	526	70 9
75s. " 80s.	25	75 3	24	75 6	14	76 11	8	75 7	31	76 0	2	75 0	104	75 9
80s. and over	56	82 10	33	89 9	47	82 10	13	85 7	36	87 10	3	90 0	188	85 4
All Persons	3788	44 7	3883	41 4	1330	41 0	1326	43 3	515	51 11	396	35 10	11238	42 11

XII.—SHIP AND BOAT BUILDING.

Under 10s.	40	s. d.	3	s. d.	6	s. d.	4	s. d.	..	s. d.	1	s. d.	54	s. d.
10s. to 15s.	91	11 10	6	11 2	14	11 1	10	12 7	..	..	..	..	121	11 9
15s. " 20s.	41	16 0	5	16 5	9	15 9	3	17 6	..	..	3	16 0	60	16 0
20s. " 25s.	46	20 8	3	21 8	5	21 0	3	20 10	..	..	1	20 0	58	20 9
25s. " 30s.	43	25 5	2	25 0	4	26 3	4	25 0	..	..	..	..	53	25 5
30s. " 35s.	34	30 8	4	30 8	12	31 8	2	30 0	..	..	2	30 0	54	30 10
35s. " 40s.	12	36 1	3	36 4	14	37 9	1	35 0	..	..	..	..	30	36 10
40s. " 45s.	25	41 8	3	41 4	37	43 6	3	41 4	1	40 0	3	41 0	72	42 7
45s. " 50s.	133	47 9	11	46 11	45	47 7	5	48 0	3	47 0	3	48 0	200	47 8
50s. " 55s.	679	53 4	50	52 6	10	51 2	45	53 6	1	50 0	6	52 1	791	53 3
55s. " 60s.	139	56 6	1	57 0	10	55 0	1	57 0	4	57 9	..	..	155	56 5
60s. " 65s.	231	60 11	20	60 7	116	61 3	7	60 0	..	..	2	60 0	376	61 0
65s. " 70s.	230	66 3	15	69 1	21	68 11	5	67 2	2	67 6	23	65 9	296	66 7
70s. " 75s.	538	71 5	31	71 9	1	72 0	45	71 11	4	72 0	..	..	619	71 6
75s. " 80s.	140	76 7	1	78 0	6	75 10	7	76 1	5	78 0	..	..	159	76 7
80s. and over	35	83 10	2	81 0	2	90 0	2	83 0	2	80 0	..	..	43	83 9
All Persons	2457	56 4	160	53 5	312	49 9	146	54 7	22	65 3	44	53 4	3141	55 5

* For constitution of wage-groups see Sec. II. Sub-sec. 1.

Manufacturing Industries, Distribution of Wages, 1912.—(continued).

Rate of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total.	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
XIII.—FURNITURE, BEDDING, ETC.														
Under 10s.	16	s. d. 7 8	95	s. d. 7 11	52	s. d. 7 1	62	s. d. 6 8	..	s. d. ..	57	s. d. 7 6	282	s. d. 7 5
10s. to 15s.	151	10 11	171	11 0	85	11 1	82	11 0	27	11 1	52	11 5	568	11 0
15s. " 20s.	124	15 10	168	16 0	38	16 0	80	16 11	28	16 1	14	16 3	452	16 1
20s. " 25s.	76	20 8	100	21 1	48	20 7	30	21 7	16	20 8	13	21 4	283	20 11
25s. " 30s.	67	25 6	71	26 3	33	26 7	33	25 4	17	25 4	16	25 5	237	25 10
30s. " 35s.	85	30 4	81	30 7	29	30 6	30	30 11	18	31 0	6	30 5	249	30 7
35s. " 40s.	72	35 6	62	35 10	47	36 3	27	35 10	12	35 10	6	36 0	226	35 10
40s. " 45s.	97	40 7	65	41 1	36	41 1	22	41 2	12	41 4	14	40 11	246	40 11
45s. " 50s.	137	46 3	77	46 3	75	47 0	116	47 3	13	46 11	20	46 1	438	46 8
50s. " 55s.	255	50 11	83	50 4	159	52 3	49	51 10	18	51 10	23	51 5	587	51 4
55s. " 60s.	233	56 0	76	56 3	112	55 9	228	56 4	18	56 1	53	57 0	720	56 2
60s. " 65s.	1063	61 6	1018	60 4	123	60 4	194	60 7	25	60 7	21	60 7	2444	60 11
65s. " 70s.	385	65 10	203	65 7	41	65 9	62	65 9	166	68 0	5	65 0	862	66 2
70s. " 75s.	160	70 7	131	70 2	8	70 2	23	70 8	47	70 5	3	70 0	372	70 5
75s. " 80s.	43	75 11	19	75 11	7	75 10	6	77 4	24	75 8	3	75 0	102	75 11
80s. and over	63	87 5	27	86 7	10	81 11	12	82 3	40	88 9	2	80 0	154	86 9
All Persons	3027	52 7	2447	47 7	903	42 0	1056	44 3	481	56 2	308	33 2	8222	48 4

XIV.—DRUGS AND CHEMICALS.

	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Under 10s.	..	1 7 6	1 7 6	2 8 6	..	..	..	..	..	..	4 8 0	..
10s. to 15s.	23 12 4	30 11 10	..	10 10 5	4 12 1	..	..	..	..	..	67 11 10	..
15s. " 20s.	54 16 3	39 15 11	3 16 8	13 15 11	3 16 8	..	..	..	..	..	112 16 1	..
20s. " 25s.	60 20 9	20 20 6	1 20 0	4 21 10	2 20 0	..	..	..	..	..	87 20 8	..
25s. " 30s.	17 25 4	41 25 8	3 25 0	11 26 5	4 27 0	..	..	..	..	..	76 25 9	..
30s. " 35s.	28 30 8	54 30 7	2 30 0	17 31 3	14 31 3	..	..	..	..	..	115 30 9	..
35s. " 40s.	21 36 4	90 36 1	2 36 0	14 36 1	5 37 6	..	..	..	..	..	132 36 2	..
40s. " 45s.	43 41 8	94 41 0	4 42 0	9 40 11	2 41 0	..	..	..	..	..	152 41 2	..
45s. " 50s.	144 46 9	400 47 9	3 46 10	112 47 9	6 47 6	..	..	..	..	..	665 47 6	..
50s. " 55s.	86 52 0	132 51 6	2 51 3	64 51 8	88 52 11	..	..	..	..	..	372 52 0	..
55s. " 60s.	25 56 2	14 55 9	1 56 0	26 56 6	..	..	..	..	..	..	66 56 3	..
60s. " 65s.	53 60 8	83 61 11	5 60 5	28 61 1	30 61 7	..	..	..	..	..	199 61 5	..
65s. " 70s.	57 66 4	46 66 2	1 65 0	15 65 11	6 66 6	..	..	..	..	..	125 66 3	..
70s. " 75s.	35 71 3	19 70 10	..	4 70 6	9 71 10	..	..	..	..	..	67 71 2	..
75s. " 80s.	5 76 5	12 76 2	..	5 75 6	7 77 2	..	..	..	..	..	29 76 4	..
80s. and over	19 86 6	7 90 0	..	1 90 0	3 88 4	..	..	..	..	..	30 87 8	..
All Persons	670 45 4	1082 45 3	28 39 11	335 46 10	183 52 5	..	..	..	..	..	2298 46 0	..

XV.—SURGICAL AND OTHER SCIENTIFIC INSTRUMENTS.

	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Under 10s.	1 5 0	2 7 6	1 7 6	..	..	..	..	..	..	4 6 10	..
10s. to 15s.	5 11 4	9 11 1	6 10 2	..	..	2 11 3	..	..	..	22 10 11	..
15s. " 20s.	5 15 0	7 15 10	..	..	..	..	..	..	..	12 15 6	..
20s. " 25s.	5 20 0	8 20 5	..	..	..	2 20 0	..	..	..	15 20 3	..
25s. " 30s.	1 25 0	4 25 0	..	..	1 25 0	..	..	..	..	6 25 0	..
30s. " 35s.	4 30 0	4 30 0	..	..	..	2 31 3	..	..	..	10 30 3	..
35s. " 40s.	..	3 35 0	..	..	..	..	..	..	..	3 35 0	..
40s. " 45s.	2 40 0	4 40 0	1 40 0	..	..	1 40 0	..	..	..	8 40 0	..
45s. " 50s.	1 45 0	..	1 45 0	1 45 0	..	..	..	..	..	3 45 0	..
50s. " 55s.	3 50 8	5 51 7	2 50 0	..	..	..	..	..	..	10 51 0	..
55s. " 60s.	5 55 5	2 55 0	1 55 0	..	..	..	..	..	..	8 55 3	..
60s. " 65s.	12 60 0	9 60 0	1 60 0	..	..	..	..	..	..	22 60 0	..
65s. " 70s.	7 65 9	5 65 5	..	..	..	..	..	..	..	12 65 7	..
70s. " 75s.	10 70 0	2 71 3	1 70 0	..	..	2 70 0	..	..	..	15 70 2	..
75s. " 80s.	1 75 0	..	..	2 75 0	..	..	..	..	..	3 75 0	..
80s. and over	4 88 0	2 82 6	1 100 0	1 100 0	1 105 0	..	..	..	..	9 91 4	..
All Persons	66 49 2	66 36 8	15 35 11	5 64 0	10 41 0	..	..	..	..	162 42 9	..

* For constitution of wages groups see Sec. II. Sub-sec. 1.

Manufacturing Industries, Distribution of Wages, 1912—(continued).

Rate of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total.	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
Under 10s.	20	7 1	62	6 9	6	6 1	7	7 6	4	7 6	3	8 1	102	6 11
10s. to 15s.	35	11 1	78	10 11	12	11 1	16	10 9	5	10 6	3	12 10	149	11 0
15s. " 20s.	40	15 4	44	15 7	5	15 6	9	15 7	3	16 8	4	16 3	105	15 7
20s. " 25s.	41	20 6	44	20 3	2	20 0	5	22 11	10	21 9	1	20 0	103	20 7
25s. " 30s.	19	25 6	10	25 9	1	25 0	4	26 3	..	..	1	25 0	35	25 8
30s. " 35s.	12	30 2	35	30 2	3	30 0	3	30 10	2	30 0	3	30 0	58	30 2
35s. " 40s.	8	36 3	7	35 0	2	35 0	7	35 4	..	..	2	35 0	29	40 6
40s. " 45s.	5	41 3	18	40 6	1	40 0	2	40 0	2	40 0	1	40 0	29	40 6
45s. " 50s.	5	45 0	5	46 2	3	46 4	11	45 9	2	45 0	2	45 0	28	45 8
50s. " 55s.	25	51 3	53	52 11	8	50 4	8	50 11	1	50 0	2	50 0	97	52 0
55s. " 60s.	83	55 5	99	55 3	4	55 0	3	55 0	3	55 0	1	55 0	193	55 4
60s. " 70s.	101	60 2	106	60 0	9	60 0	28	60 5	2	60 0	2	60 0	248	60 1
65s. " 70s.	47	65 1	71	65 1	2	65 0	12	65 6	4	65 0	..	..	136	65 1
70s. " 75s.	40	70 1	87	70 1	6	70 4	12	70 0	17	70 0	..	..	162	70 1
75s. " 80s.	15	75 7	23	75 4	1	75 0	5	75 0	4	75 0	..	..	48	75 4
80s. and over	71	91 0	71	90 4	10	86 6	18	86 5	12	87 6	2	80 0	184	89 8
All Persons	567	51 1	813	47 10	75	44 1	150	48 10	71	52 4	27	33 3	1703	48 9

XVII.—HEAT, LIGHT AND POWER.

	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
Under 10s.	69	5 0	37	6 2	1	5 0	4	7 6	3	7 4	4	7 1	118	5 7
10s. to 15s.	46	11 7	36	10 10	18	10 4	11	10 4	..	..	10	10 11	121	11 0
15s. " 20s.	75	16 2	68	15 3	11	15 11	5	15 7	5	15 2	4	15 3	168	15 9
20s. " 25s.	65	21 0	26	20 10	12	21 2	12	21 1	3	20 10	2	20 0	120	20 11
25s. " 30s.	49	26 9	43	25 11	14	25 11	6	26 4	3	26 0	4	26 0	119	26 4
30s. " 35s.	62	31 1	126	30 9	12	31 1	11	31 1	10	30 10	9	30 7	230	30 11
35s. " 40s.	48	36 5	33	36 5	14	36 7	15	35 9	2	36 0	14	36 4	126	36 4
40s. " 45s.	39	41 4	91	41 8	109	43 1	10	41 2	1	40 0	40	41 11	290	42 2
45s. " 50s.	730	48 0	486	48 0	81	47 4	222	47 11	11	47 9	14	46 4	1544	47 11
50s. " 55s.	568	53 2	371	51 7	128	52 4	105	53 0	46	53 10	18	53 0	1236	52 7
55s. " 60s.	218	57 0	114	56 8	80	56 0	40	56 10	13	56 10	23	57 6	488	56 10
60s. " 65s.	372	61 0	304	61 4	82	60 7	67	60 8	66	61 3	31	65 11	879	66 7
65s. " 70s.	405	66 9	292	66 1	31	66 3	83	67 8	37	66 6	35	70 1	551	71 3
70s. " 75s.	211	71 1	153	72 4	88	70 5	13	71 1	51	71 0	12	76 4	399	75 7
75s. " 80s.	281	75 3	22	76 11	20	75 9	36	75 8	28	76 10	23	86 5	241	87 2
80s. and over	70	86 7	46	88 3	24	84 9	18	84 5	69	89 2	..	..	..	..
All Persons	3308	54 4	2248	51 7	725	52 11	658	53 7	339	65 0	303	55 7	7581	53 10

XVIII.—LEATHER WARE (N.E.I.)

	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
Under 10s.	..	..	22	7 3	4	7 4	..	..	..	..	..	..	26	7 3
10s. to 15s.	22	11 8	35	11 7	3	10 10	3	11 10	4	11 9	..	..	67	11 8
15s. " 20s.	15	17 2	24	16 5	8	15 11	..	..	1	19 0	..	..	48	16 8
20s. " 25s.	16	22 0	31	21 1	5	21 0	..	..	..	..	..	..	52	21 5
25s. " 30s.	10	26 0	19	25 10	..	..	1	25 0	..	..	..	..	30	25 10
30s. " 35s.	22	30 10	14	30 6	..	..	..	..	1	30 0	..	..	37	30 8
35s. " 40s.	12	35 7	13	36 0	1	35 0	..	..	1	35 0	..	..	28	35 10
40s. " 45s.	24	41 7	8	40 8	..	..	1	40 0	..	..	..	..	33	41 4
45s. " 50s.	33	46 4	29	47 6	..	..	..	..	1	45 0	..	..	64	46 10
50s. " 55s.	45	52 6	18	51 2	15	54 0	4	54 0	4	50 0	..	..	86	52 5
55s. " 60s.	16	55 7	81	55 1	3	55 0	..	..	..	..	..	..	100	55 2
60s. " 65s.	15	60 2	16	60 0	3	60 0	5	61 2	2	60 0	..	..	41	60 2
65s. " 70s.	12	66 0	4	65 0	..	..	1	65 0	1	65 0	..	..	18	65 8
70s. " 75s.	9	70 11	5	70 0	2	70 0	1	70 0	..	..	..	..	17	70 6
75s. " 80s.	1	78 6	..	..	..	..	..	..	..	..	..	..	1	78 6
80s. and over	2	82 6	2	85 0	..	..	..	..	1	80 0	..	..	5	83 0
All Persons	254	41 8	321	36 10	45	37 2	17	46 10	16	40 1	..	..	653	39 1

* For constitution of wages groups see Sec. II. Sub-sec. 1.

Manufacturing Industries, Distribution of Wages, 1912.—(continued.)

Rate of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total.	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
XIX.—MINOR WARES (N.E.I.)														
Under 10s.	..	s. d.	8	s. d.	4	s. d.	1	s. d.	..	s. d.	1	s. d.	14	s. d.
10s. to 15s.	20	11 11	27	11 0	7	10 5	14	11 3	5	12 0	8	10 7	81	11 3
15s. „ 20s.	61	16 9	44	16 7	27	16 5	13	17 4	8	16 0	..	..	153	16 8
20s. „ 25s.	51	22 2	46	21 11	15	20 9	12	21 10	4	20 0	1	20 0	129	21 10
25s. „ 30s.	19	25 9	44	26 9	11	26 2	14	27 1	2	26 3	7	25 3	97	26 5
30s. „ 35s.	41	32 8	86	31 9	7	31 6	12	30 10	4	31 3	5	30 0	155	31 10
35s. „ 40s.	27	36 5	64	36 8	7	36 6	9	36 7	6	35 10	1	36 0	114	36 7
40s. „ 45s.	39	41 5	26	40 8	3	40 8	11	41 3	1	40 0	2	40 0	82	41 1
45s. „ 50s.	79	46 7	355	47 0	1	45 0	20	46 7	3	45 0	..	..	458	46 11
50s. „ 55s.	88	51 0	317	51 1	1	50 0	15	51 0	4	50 0	4	51 3	429	51 1
55s. „ 60s.	24	55 5	67	56 4	1	57 11	6	56 1	7	55 3	..	..	105	56 1
60s. „ 65s.	31	60 6	74	60 7	2	60 0	8	60 8	16	60 0	..	..	131	60 6
65s. „ 70s.	24	65 11	32	65 10	..	..	4	65 0	5	66 0	..	..	65	65 10
70s. „ 75s.	13	70 7	9	70 8	..	..	2	70 0	2	71 0	..	..	26	70 7
75s. „ 80s.	4	77 5	21	75 6	..	..	..	..	..	..	..	..	25	75 10
80s. and over	4	81 3	8	81 3	..	..	1	80 0	1	80 0	..	..	14	81 1
All Persons	525	40 7	1228	45 3	86	23 5	142	36 6	68	43 2	29	26 1	2078	42 3

ALL CLASSES.

		s. d.		s. d.		s. d.		s. d.		s. d.		s. d.		s. d.
Under 10s.	1107	6 10	1570	6 11	712	7 1	352	7 5	43	6 10	306	6 11	4090	7 0
10s. to 15s.	2493	11 5	3346	11 4	1049	11 4	948	11 6	296	11 5	349	11 4	8481	11 5
15s. „ 20s.	2960	16 3	3051	16 3	906	16 1	785	16 4	345	16 1	237	16 1	8284	16 3
20s. „ 25s.	2501	21 0	2665	21 1	877	21 3	737	21 5	199	20 10	262	21 3	7241	21 1
25s. „ 30s.	2155	25 10	2335	26 0	680	26 0	553	26 3	246	25 8	180	26 1	6149	25 11
30s. „ 35s.	2946	30 9	2430	30 9	1589	30 9	701	30 10	245	30 10	272	30 8	8183	30 9
35s. „ 40s.	2112	35 11	2057	36 2	1193	36 6	530	36 3	178	36 1	233	36 5	6303	36 2
40s. „ 45s.	3778	41 3	3772	41 5	2876	42 0	756	41 5	264	40 11	756	41 10	12202	41 6
45s. „ 50s.	11519	47 2	10648	46 9	4320	46 10	3214	47 5	1798	47 11	1282	47 2	32781	47 0
50s. „ 55s.	12307	52 1	9991	52 1	3021	51 9	3567	52 6	2066	52 11	805	51 10	31757	52 2
55s. „ 60s.	7154	56 4	3601	56 7	1749	56 5	1246	56 7	1006	56 6	491	57 11	15247	56 6
60s. „ 65s.	10317	61 1	8592	60 6	3285	61 2	2885	60 11	1658	60 7	733	60 9	27476	60 10
65s. „ 70s.	6265	66 2	5989	66 2	1292	66 5	2155	66 10	1629	67 2	276	65 11	17606	66 4
70s. „ 75s.	6210	71 0	1999	71 2	932	71 1	674	71 2	1407	71 6	164	71 0	11386	71 1
75s. „ 80s.	1883	75 11	768	76 7	392	76 6	238	76 3	866	76 6	58	76 8	4205	76 3
80s. and over	3337	92 8	1709	92 11	1071	91 3	447	90 6	1056	89 8	123	92 4	7743	92 0
All Persons	79044	51 1	64523	46 9	25944	47 0	19788	48 9	13302	57 9	6527	44 4	209128	49 3

* For constitution of wage-groups see Sec. II., Sub-sec. 1.

Manufacturing Industries.—Distribution of Wages of Female Employees, 1912.

Rate of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total.	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
Under 10s.	35	s. d. 9 0	75	s. d. 8 10	74	s. d. 7 11	25	s. d. 8 9	7	s. d. 7 2	10	s. d. 6 8	226	s. d. 8 5
10s. to 15s.	641	12 8	684	12 6	101	11 7	98	11 11	59	11 11	28	11 9	1611	12 5
15s. " 20s.	597	16 9	961	17 9	184	16 5	123	16 6	39	16 8	40	16 1	1944	17 2
20s. " 25s.	859	20 6	616	21 4	50	21 3	205	22 3	29	21 9	100	20 4	1859	21 0
25s. " 30s.	348	25 11	285	26 5	26	26 4	18	25 2	6	25 11	..	..	683	26 2
30s. " 35s.	337	33 7	153	30 5	7	30 5	5	30 0	7	30 7	3	31 0	512	32 6
35s. " 40s.	46	37 1	279	38 7	23	35 10	..	..	2	37 3	1	35 0	351	38 2
40s. " 45s.	9	40 11	14	40 4	3	40 0	..	..	1	40 0	1	40 0	28	40 5
45s. " 50s.	25	45 4	9	47 8	..	..	..	..	..	..	..	..	34	46 0
50s. " 55s.	1	50 7	112	53 4	..	..	..	..	1	50 0	..	..	114	53 3
55s. " 60s.	1	55 0	..	..	..	..	..	..	..	..	..	..	1	55 0
60s. " 65s.	2	61 6	..	..	..	..	..	..	..	..	..	..	2	61 6
65s. " 70s.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
70s. " 75s.	2	72 6	..	..	..	..	..	..	..	..	..	..	2	72 6
75s. " 80s.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
80s. and over	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Persons	2903	20 8	3188	21 9	468	16 5	474	18 1	151	17 0	183	17 9	7367	20 7

VI.—FOOD AND DRINK, ETC.

Under 10s.	35	s. d. 9 0	75	s. d. 8 10	74	s. d. 7 11	25	s. d. 8 9	7	s. d. 7 2	10	s. d. 6 8	226	s. d. 8 5
10s. to 15s.	641	12 8	684	12 6	101	11 7	98	11 11	59	11 11	28	11 9	1611	12 5
15s. " 20s.	597	16 9	961	17 9	184	16 5	123	16 6	39	16 8	40	16 1	1944	17 2
20s. " 25s.	859	20 6	616	21 4	50	21 3	205	22 3	29	21 9	100	20 4	1859	21 0
25s. " 30s.	348	25 11	285	26 5	26	26 4	18	25 2	6	25 11	..	..	683	26 2
30s. " 35s.	337	33 7	153	30 5	7	30 5	5	30 0	7	30 7	3	31 0	512	32 6
35s. " 40s.	46	37 1	279	38 7	23	35 10	..	..	2	37 3	1	35 0	351	38 2
40s. " 45s.	9	40 11	14	40 4	3	40 0	..	..	1	40 0	1	40 0	28	40 5
45s. " 50s.	25	45 4	9	47 8	..	..	..	..	..	..	..	..	34	46 0
50s. " 55s.	1	50 7	112	53 4	..	..	..	..	1	50 0	..	..	114	53 3
55s. " 60s.	1	55 0	..	..	..	..	..	..	..	..	..	..	1	55 0
60s. " 65s.	2	61 6	..	..	..	..	..	..	..	..	..	..	2	61 6
65s. " 70s.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
70s. " 75s.	2	72 6	..	..	..	..	..	..	..	..	..	..	2	72 6
75s. " 80s.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
80s. and over	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Persons	2903	20 8	3188	21 9	468	16 5	474	18 1	151	17 0	183	17 9	7367	20 7

VII.—CLOTHING AND TEXTILE FABRICS, ETC.

Under 10s.	2078	s. d. 6 4	4018	s. d. 6 4	1340	s. d. 6 7	933	s. d. 6 4	331	s. d. 6 0	282	s. d. 5 9	8982	s. d. 6 4
10s. to 15s.	2792	11 8	3762	11 9	1047	11 6	528	11 9	241	11 4	207	11 4	8577	11 8
15s. " 20s.	2874	16 4	3352	16 7	1057	16 6	615	16 9	289	16 5	175	16 5	8362	16 6
20s. " 25s.	3291	21 3	7290	21 11	1148	21 5	881	21 4	280	21 4	185	21 6	13075	21 8
25s. " 30s.	2983	26 2	5212	25 11	589	25 11	536	26 0	249	25 11	75	25 7	9644	26 0
30s. " 35s.	1886	30 9	1908	30 7	282	30 9	276	30 10	184	30 9	42	30 8	4578	30 8
35s. " 40s.	722	35 8	472	35 10	101	35 9	126	35 5	148	35 6	44	36 1	1613	35 8
40s. " 45s.	383	40 6	227	40 6	69	40 3	49	40 5	131	40 5	18	40 1	877	40 1
45s. " 50s.	157	45 5	89	45 0	26	45 4	16	45 5	58	45 3	3	45 8	349	45 6
50s. " 55s.	112	50 6	97	50 4	23	51 4	7	50 7	35	50 4	12	50 4	286	50 2
55s. " 60s.	23	55 7	14	55 3	5	55 6	2	60 0	12	55 0	1	59 6	160	60 3
60s. " 65s.	72	60 3	57	60 3	11	60 5	2	60 1	15	60 1	3	61 0	160	60 3
65s. " 70s.	13	65 3	8	65 0	2	67 6	2	65 0	3	65 0	..	..	28	65 3
70s. " 75s.	17	70 4	19	70 2	2	70 0	5	70 0	7	70 0	..	..	50	70 2
75s. " 80s.	6	75 4	2	77 7	..	..	..	..	5	75 0	..	..	13	75 7
80s. and over	48	94 0	37	89 3	8	93 9	4	95 0	15	105 4	1	100 0	113	94 0
All Persons	17457	20 11	26564	19 8	5710	17 1	3980	18 2	2003	23 4	1048	16 7	56762	19 9

VIII.—BOOKS, PAPER, PRINTING, ETC.

Under 10s.	39	s. d. 8 1	175	s. d. 7 7	135	s. d. 7 8	93	s. d. 7 7	3	s. d. 8 2	41	s. d. 6 9	486	s. d. 7 7
10s. to 15s.	611	11 10	392	11 2	130	10 10	165	11 9	64	11 9	12	12 8	1374	11 7
15s. " 20s.	507	16 7	440	16 8	124	16 9	138	16 9	42	16 1	9	17 3	1260	16 8
20s. " 25s.	471	21 4	781	21 7	82	20 11	95	21 4	35	20 7	17	20 7	1481	21 5
25s. " 30s.	188	25 7	228	25 10	33	25 11	16	26 8	17	25 2	2	26 3	484	25 9
30s. " 35s.	104	30 3	47	30 10	15	30 4	9	31 7	12	30 2	..	..	187	30 6
35s. " 40s.	10	35 9	13	36 5	3	35 4	1	35 0	2	36 3	..	..	29	36 0
40s. " 45s.	10	40 9	14	41 6	1	40 0	1	42 0	4	40 0	..	..	30	41 0
45s. " 50s.	5	45 6	..	..	1	45 0	..	..	..	..	..	..	6	45 5
50s. " 55s.	3	51 4	3	50 0	..	..	..	..	1	50 0	..	..	7	50 7
55s. " 60s.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
60s. " 65s.	4	61 4	1	60 0	1	60 0	..	..	..	..	..	..	6	60 11
65s. " 70s.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
70s. " 75s.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
75s. " 80s.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
80s. and over	1	100 0	..	..	1	88 0	..	..	..	..	..	..	2	94 0
All Persons	1953	18 2	2094	18 4	526	15 0	518	15 0	180	18 0	81	12 2	5352	17 6

* For constitution of wage-groups see Sec. II. Sub-sec. 1.

Manufacturing Industries.—Distribution of Wages of Female Employees, 1912.

Rate of Wages.*	N.S.W.		Vic.		Q'land.		S.A.		W.A.		Tas.		Total.	
	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.	No.	Average Wage.
I. to V., IX. to XIX. (combined). (16 Groups.)														
Under 10s.	76	s. d. 7 10	58	s. d. 7 6	15	s. d. 7 2	41	s. d. 7 9	5	s. d. 7 8	23	s. d. 6 7	218	s. d. 7 6
10s. to 15s.	410	12 2	384	12 4	59	11 4	61	11 2	16	12 0	11	11 6	941	12 1
15s. " 20s.	744	16 7	429	16 3	45	16 5	25	15 10	23	16 1	8	16 0	1274	16 6
20s. " 25s.	412	21 1	462	21 1	39	22 1	19	21 6	27	20 10	4	20 7	963	21 1
25s. " 30s.	228	25 9	411	25 6	24	26 7	7	26 0	11	25 11	5	27 6	686	25 8
30s. " 35s.	97	30 9	531	30 1	6	30 10	7	30 0	5	30 6	3	30 0	649	30 3
35s. " 40s.	44	35 3	28	35 6	3	35 0	4	35 7	2	36 3	..	..	81	35 4
40s. " 45s.	27	40 4	8	40 7	3	40 0	..	..	5	40 10	1	40 0	44	40 5
45s. " 50s.	2	46 6	7	45 9	1	45 0	..	..	..	..	..	..	10	45 10
50s. " 55s.	2	50 0	6	50 0	..	..	..	..	1	50 0	..	..	9	50 0
55s. " 60s.	..	..	7	55 0	..	..	1	55 0	..	..	..	..	8	55 0
60s. " 65s.	1	60 0	1	60 0	..	..	..	..	..	..	..	..	2	60 0
65s. " 70s.	1	65 6	..	..	..	..	..	..	..	..	..	..	1	65 6
70s. " 75s.	1	70 0	..	..	..	..	..	..	..	..	..	..	1	70 0
75s. " 80s.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
80s. and over	1	80 0	..	..	..	..	..	..	..	..	..	..	1	80 0
All Persons	2046	18 10	2332	21 9	195	17 9	165	14 6	95	20 3	55	13 9	4888	20 0

ALL CLASSES.

Under 10s.	2228	s. d. 6 6	4326	s. d. 6 5	1564	s. d. 6 9	1092	s. d. 6 6	346	s. d. 6 1	356	s. d. 5 11	9912	s. d. 6 6
10s. to 15s.	4454	11 11	5222	11 10	1337	11 6	852	11 9	380	11 6	258	11 6	12503	11 10
15s. " 20s.	4722	16 5	5182	16 9	1410	16 7	901	16 9	393	16 5	232	16 4	12840	16 7
20s. " 25s.	5033	21 2	9149	21 10	1319	21 4	1200	21 6	371	21 3	306	21 1	17378	21 6
25s. " 30s.	3747	26 1	6136	25 11	672	25 11	577	26 0	283	25 10	82	25 8	11497	26 0
30s. " 35s.	2424	31 1	2639	30 6	310	30 9	297	30 10	208	30 9	48	30 7	5926	30 9
35s. " 40s.	822	35 9	792	36 9	130	35 9	131	35 5	154	35 6	45	36 0	2074	36 1
40s. " 45s.	429	40 6	263	40 7	76	40 3	50	40 5	141	40 5	20	40 9	979	40 6
45s. " 50s.	189	45 5	105	45 6	28	45 4	16	45 5	58	45 3	3	45 8	399	45 6
50s. " 55s.	118	50 6	218	51 10	23	51 4	7	50 7	38	50 3	12	50 2	416	51 3
55s. " 60s.	24	55 7	21	55 2	5	55 6	1	55 0	12	55 0	1	59 6	64	55 5
60s. " 65s.	79	60 4	59	60 3	12	60 5	2	60 0	15	60 1	3	61 0	170	60 4
65s. " 70s.	14	65 3	8	65 0	2	67 6	2	65 0	3	65 0	..	..	29	65 4
70s. " 75s.	20	70 6	19	70 2	2	70 0	5	70 0	7	70 0	..	..	53	70 3
75s. " 80s.	6	75 4	2	77 7	..	..	..	..	5	75 0	..	..	13	75 7
80s. and over	50	93 10	37	89 3	9	93 1	4	95 0	15	105 4	1	100 0	116	93 11
All Persons	24359	20 6	34178	19 11	6899	16 11	5137	17 8	2429	22 5	1367	16 5	74369	19 8

* For constitution of wage-groups see Sec. II., Sub-sec. 1.